METEOROLOGICAL OFFICE.

DAILY WEATHER REPORTS.

1ST JULY TO 31ST DECEMBER, 1903.

DAILY WEATHER REPORT.

July to December 1903.

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SUPPLEMENT TO THE DAILY WEATHER REPORT.

VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE

IN THE SIX MONTHS, JULY TO DECEMBER.

	STATIONS.	PRESSURE AT 8 A.M. Means, 1871-1900.	TEMPERATURE OF AIR. 1871-1900. Means of: Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Absolute Extremes: Maximum.	Date.	Minimum.	Date.	RAINFALL. Means for 1871-1900: Days with Rain.	1866-1900: Total Fall.	BRIGHT SUNSHINE. Means, 1881-1900: Average Duration.	Per cent. of possible.
		(Inches.)	°	°	°	°	°		°			(Inches.)	(Hours.)	
JULY.	Sumburgh Head	29·806	53·4	51·7	57·6	48·3	70	1897	37	1888	17	2·33	—	—
	Stornoway	29·822	55·5	53·7	60·3	49·1	76	1894	32	1888	21	2·97	140·8	26
	Malin Head	29·873	56·1	54·0	61·0	53·6	[75]*	[1887]	[42]*	[1888]	[19]*	[2·87]*	—	—
	Blacksod Point	29·914	57·8	55·2	62·4	53·8	[80]*	[1894]	[42]*	[1898]	[21]*	[2·94]*	—	—
	Valencia	29·960	59·2	56·6	64·0	53·8	80	1878	42	1898	20	3·95	154·4	31
	Roche's Point	29·957	59·0	56·1	65·8	53·7	84	1876	45	1888	15	3·00	—	—
	Parsonstown	29·937	58·1	55·0	66·4	51·7	89	1876	37	1889	17	2·95	139·2	28
	Donaghadee	29·904	57·4	55·5	63·5	52·1	81	1876	40	1883	18	2·83	—	—
	Liverpool	29·927	59·5	55·6	66·0	54·3	89	1873	44	1877	16	2·77	—	—
	Holyhead	29·932	58·3	56·0	63·8	54·1	83	1894	43	1888	16	2·46	—	—
	Pembroke	29·956	58·2	56·2	62·7	54·9	80	1878	45	1888	14	2·42	205·3	42
	Scilly	29·987	60·5	58·3	64·9	56·5	75	1886	48	1875	16	2·29	—	—
	Jersey	30·015	62·5	59·1	68·6	56·5	90	1873	46	1877, 97	13	2·30	244·2	51
	Portland Bill ‡	[30·071]	[61·7]	[59·3]	[67·0]	[55·4]	—	—	—	—	[6]	[0·94]	—	—
	Dungeness	29·965	61·9	58·6	67·0	56·1	82	1900	40	1890	12	1·62	—	—
	Wick	29·835	56·0	53·7	61·8	48·9	81	1876	30	1886	18	2·54	—	—
	Nairn	29·838	56·9	53·7	64·5	50·3	86	1876	37	1886, 97, 98	17	2·68	—	—
	Aberdeen	29·852	57·6	53·8	63·7	50·7	86	1876	38	1898	18	2·82	165·9	32
	Leith	29·867	58·6	55·0	66·6	51·4	90	1876	41	1887, 88, 92	16	2·76	—	—
	North Shields	29·887	58·2	55·1	64·3	51·9	85	1876	40	1885	15	2·55	—	—
	Spurn Head	29·914	59·6	56·9	65·1	55·0	[84]*	[1881, 1900]	[44]*	[1888]	13	1·70	—	—
	Yarmouth	29·938	60·8	57·6	66·3	54·9	87	1881	42	1872, 90	15	2·69	—	—
	Loughborough	29·947	60·9	57·2	71·4	52·6	[90]*	[1881]	[39]*	[1888]	15	2·24	—	—
	Oxford	29·963	60·2	56·6	70·1	53·5	90	1876, 1900	41	1888	14	2·49	200·7	41
	LONDON	29·971	62·2	57·7	72·7	54·2	95	1881	41	1877	13	2·27	174·7†	36†
AUGUST.	Sumburgh Head	29·782	53·5	51·9	57·7	48·5	69	1880	38	1885, 95	18	3·25	—	—
	Stornoway	29·794	55·1	53·5	60·2	49·1	75	1897, 99	33	1888	21	3·66	131·3	28
	Malin Head	29·839	56·4	54·3	61·8	54·1	[80]*	[1900]	[43]*	[1891]	[21]*	[3·25]*	—	—
	Blacksod Point	29·878	58·1	55·5	62·7	54·1	[78]*	[1899]	[42]*	[1887-88]	[22]*	[4·98]*	—	—
	Valencia	29·929	59·6	57·1	64·7	54·3	81	1899	42	1890	22	4·96	152·7	34
	Roche's Point	29·932	59·1	56·6	65·7	54·2	80	1880	44	1883	16	3·94	—	—
	Parsonstown	29·917	57·4	55·2	65·9	51·6	82	1893, 99, 1900	35	1885, 87	18	3·87	139·5	31
	Donaghadee	29·881	57·1	55·5	62·8	52·5	78	1899	38	1886	19	3·30	—	—
	Liverpool	29·908	58·8	55·3	65·8	54·3	85	1876, 84, 93, 99	44	1885	17	2·96	—	—
	Holyhead	29·909	58·6	56·5	64·0	54·8	83	1893	45	1888	16	3·02	—	—
	Pembroke	29·932	58·9	56·8	63·3	55·8	78	1874, 99	47	1885, 88	16	2·91	193·8	43
	Scilly	29·962	61·2	59·0	65·3	57·1	75	1893, 99	50	1885, 90, 95	17	2·49	—	—
	Jersey	29·995	63·2	59·8	69·1	57·4	89	1893	45	1890	14	2·48	244·8	56
	Portland Bill ‡	[30·042]	[62·2]	[60·0]	[68·5]	[55·7]	—	—	—	—	[11]	[1·57]	—	—
	Dungeness	29·953	62·1	58·9	67·5	56·6	80	1887, 94	39	1890	13	1·81	—	—
	Wick	29·814	55·5	53·5	61·4	48·6	85	1893	30	1886	18	2·61	—	—
	Nairn	29·817	56·0	53·2	63·9	49·9	86	1899	33	1885, 91	18	2·68	—	—
	Aberdeen	29·835	56·7	53·5	63·1	50·2	81	1880, 82, 99	33	1885	18	3·03	153·3	33
	Leith	29·848	57·7	54·6	66·0	51·4	85	1893	37	1874	16	2·72	—	—
	North Shields	29·871	57·3	54·7	64·0	51·8	83	1893	39	1892	16	2·83	—	—
	Spurn Head	29·904	59·1	56·8	64·7	55·0	[87]*	[1893]	[46]*	[1887, 90, 1900]	15	1·87	—	—
	Yarmouth	29·929	60·6	57·6	66·3	54·8	85	1893	42	1876, 85	14	2·26	—	—
	Loughborough	29·935	59·1	56·2	70·4	52·0	[91]*	[1893]	[38]*	[1885, 87, 88]	14	2·46	—	—
	Oxford	29·954	58·9	56·0	69·4	53·0	90	1876	39	1892	13	2·38	185·7	42
	LONDON	29·961	61·0	57·4	71·9	53·7	96	1876	39	1887, 90	13	2·30	165·9†	37†
SEPTEMBER.	Sumburgh Head	29·783	50·8	49·1	54·9	46·2	69	1898	34	1887, 88	20	3·48	—	—
	Stornoway	29·806	51·5	50·2	56·7	45·7	72	1898	32	1871, 75, 85	21	4·17	107·4	28
	Malin Head	29·864	53·7	51·4	58·5	51·1	[78]*	[1898]	[38]*	[1886]	[19]*	[3·11]*	—	—
	Blacksod Point	29·905	55·3	52·9	59·8	51·6	[78]*	[1898]	[39]*	[1899]	[21]*	[3·99]*	—	—
	Valencia	29·963	56·6	54·2	61·9	51·4	79	1898	35	1899	19	4·34	133·1	36
	Roche's Point	29·966	55·8	53·7	61·9	51·3	74	1880	39	1893	14	3·62	—	—
	Parsonstown	29·947	52·9	51·0	61·9	47·3	79	1880, 98	29	1899	17	2·92	129·2	35
	Donaghadee	29·913	53·7	52·4	60·1	49·3	74	1898	36	1882, 94, 99	17	2·80	—	—
	Liverpool	29·944	54·8	52·1	61·5	50·9	82	1880	39	1885	16	3·12	—	—
	Holyhead	29·939	55·9	53·7	60·8	52·3	78	1880	43	1873, 85, 97	16	3·04	—	—
	Pembroke	29·962	56·4	54·2	60·4	53·2	74	1895	40	1885	16	3·24	148·3	40
	Scilly	29·983	58·8	56·6	62·4	54·9	73	1899	44	1885, 88	17	3·15	—	—
	Jersey	30·008	60·4	57·2	66·0	55·0	86	1895	41	1891	15	3·04	184·9	50
	Portland Bill ‡	[30·038]	[59·0]	[57·0]	[64·7]	[54·0]	—	—	—	—	[9]	[1·55]	—	—
	Dungeness	29·981	58·0	55·5	64·0	53·0	78	1898, 99	32	1885	14	2·53	—	—
	Wick	29·822	52·1	50·3	58·0	45·7	78	1898	29	1885, 87	19	2·70	—	—
	Nairn	29·835	51·6	49·4	59·7	45·9	83	1898	25	1892	17	2·54	—	—
	Aberdeen	29·856	52·5	49·9	59·4	46·6	81	1898	30	1887	17	2·87	124·0	33
	Leith	29·880	53·5	50·9	62·1	47·5	83	1898	33	1886	15	2·19	—	—
	North Shields	29·905	53·2	51·1	60·4	48·3	81	1898	34	1885, 89, 93	14	2·20	—	—
	Spurn Head	29·941	55·7	53·8	60·9	52·4	[79]*	[1899]	[38]*	[1892]	14	1·80	—	—
	Yarmouth	29·956	56·5	54·3	62·4	51·3	78	1880, 98	33	1885	15	2·57	—	—
	Loughborough	29·970	53·5	51·7	65·5	47·5	[90]*	[1898]	[29]*	[1898]	14	2·44	—	—
	Oxford	29·985	54·0	52·1	64·6	48·8	90	1898	33	1885	13	2·39	144·2	39
	LONDON	29·991	55·8	53·4	66·8	49·7	91	1898	30	1877	13	2·21	116·0†	31†

* These values are from observations made during the following periods:—Spurn Head and Loughborough, 20 years, 1881-1900; Malin Head and Blacksod Point (Belmullet), 15 years, 1886-1900.
† The Sunshine values are for Westminster. ‡ The values for Portland Bill are for two years only, 1899-1900.

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VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE

(CONTINUED).

	STATIONS.	PRESSURE AT 8 A.M. Means, 1871-1900.	TEMPERATURE OF AIR. 1871-1900. Means of: Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Absolute Extremes: Maximum.	Date.	Minimum.	Date.	RAINFALL. Means for 1871-1900: Days with Rain.	1866-1900: Total Fall.	BRIGHT SUNSHINE. Means, 1881-1900. Average Duration.	Per cent. of possible.
		(Inches.)	°	°	°	°	°		°			(Inches.)	(Hours.)	
OCTOBER.	Sumburgh Head	29·721	45·9	44·3	49·8	41·6	61	1898	26	1875	24	4·43	—	—
	Stornoway	29·752	45·4	44·4	51·1	40·3	70	1898	26	1886	24	5·31	87·0	28
	Malin Head	29·803	48·4	46·3	52·6	45·6	[69]*	[1898]	[32]*	[1892]	[21]*	[2·99]*	—	—
	Blacksod Point	29·851	49·5	46·6	54·1	45·9	[70]*	[1898]	[33]*	[1892]	[23]*	[5·20]*	—	—
	Valencia	29·885	51·0	48·9	56·4	46·3	69	1898	28	1892	22	5·61	104·4	32
	Roche's Point	29·886	50·1	48·3	55·8	46·0	65	1880, 84, 86	32	1881	16	4·21	—	—
	Parsonstown	29·883	45·5	44·0	54·7	40·5	69	1898	22	1880	18	3·06	99·9	31
	Donaghadee	29·843	47·8	46·5	53·7	43·5	66	1898	31	1892	18	3·14	—	—
	Liverpool	29·872	47·7	45·6	53·8	44·5	72	1886	27	1895	18	3·52	—	—
	Holyhead	29·863	50·2	48·1	54·7	46·9	71	1886	32	1892	20	4·33	—	—
	Pembroke	29·880	51·2	49·2	54·9	47·9	66	1872, 1886	33	1895	20	4·14	104·9	32
	Scilly	29·897	53·8	51·7	56·9	50·1	69	1895	38	1895, 96	21	3·73	—	—
	Jersey	29·920	53·7	50·9	58·6	48·9	73	1876, 1898, 1900	33	1887	19	4·47	130·0	40
	Portland Bill‡	[30·029]	[53·4]	[51·3]	[58·5]	[49·2]	—	—	—	—	[12]	[1·72]	—	—
	Dungeness	29·908	50·4	48·6	56·6	46·2	70	1886	23	1890	16	3·23	—	—
	Wick	29·755	46·2	44·6	51·8	40·4	73	1898	22	1885	21	3·11	—	—
	Nairn	29·773	44·6	42·8	52·2	39·8	72	1898	19	1896	18	2·43	—	—
	Aberdeen	29·791	45·7	43·6	52·5	41·2	74	1883	25	1880	20	3·00	98·9	31
	Leith	29·814	46·4	44·6	54·6	41·5	70	1898	25	1894	16	2·09	—	—
	North Shields	29·836	46·9	45·2	53·4	42·2	69	1898	27	1890, 92, 95	17	2·75	—	—
	Spurn Head	29·857	48·9	47·4	53·6	45·6	[70]*	[1900]	[33]*	[1887, 95]	16	2·34	—	—
	Yarmouth	29·884	49·2	47·6	54·4	44·6	74	1900	27	1895	18	2·98	—	—
	Loughborough	29·897	45·4	44·2	55·8	40·8	[77]*	[1886]	[20]*	[1890]	17	2·76	—	—
	Oxford	29·916	46·1	44·8	55·6	42·1	76	1886	22	1873	15	2·76	102·7	32
	LONDON	29·918	47·6	46·0	56·8	42·9	80	1880	24	1890	16	2·70	70·6†	22†
NOVEMBER.	Sumburgh Head	29·710	42·6	41·0	46·1	38·5	55	1890	21	1875	24	4·12	—	—
	Stornoway	29·720	42·5	41·5	46·8	37·4	58	1897	20	1880	23	5·28	40·6	18
	Malin Head	29·773	44·3	42·5	48·3	41·2	[59]*	[1894, 99]	[31]*	[1889]	[20]*	[3·08]*	—	—
	Blacksod Point	29·819	45·7	43·7	49·7	41·7	[66]*	[1897, 99]	[26]*	[1890]	[24]*	[5·22]*	—	—
	Valencia	29·883	47·6	45·6	52·4	43·0	63	1881	27	1890, 96	22	5·67	65·8	26
	Roche's Point	29·888	46·5	45·0	51·4	42·3	61	1875	27	1890	19	4·65	—	—
	Parsonstown	29·869	42·0	40·6	49·4	37·2	63	1872	20	1890	19	2·97	63·8	25
	Donaghadee	29·838	43·9	42·7	48·8	39·7	60	1894	27	1878, 83	19	3·12	—	—
	Liverpool	29·883	43·0	41·2	48·3	40·0	63	1872	22	1880	17	2·71	—	—
	Holyhead	29·865	46·2	44·4	50·0	43·0	62	1881	29	1880	20	3·96	—	—
	Pembroke	29·890	47·4	45·7	50·6	43·9	58	1884, 95, 97, 99	28	1890	20	3·94	60·9	24
	Scilly	29·911	50·3	48·5	53·0	46·6	61	1898	29	1890	21	3·65	—	—
	Jersey	29·953	48·2	46·1	52·6	44·4	66	1899	16	1890	19	4·07	73·5	27
	Portland Bill‡	[29·989]	[49·9]	[47·7]	[53·3]	[45·3]	—	—	—	—	[14]	[3·65]	—	—
	Dungeness	29·923	45·0	43·6	50·1	41·1	63	1899	17	1890	17	2·57	—	—
	Wick	29·743	42·0	40·6	46·7	36·8	62	1900	15	1884	20	2·89	—	—
	Nairn	29·761	40·5	38·9	46·3	35·6	61	1885, 94	18	1880, 98	17	2·13	—	—
	Aberdeen	29·792	41·1	39·3	46·6	37·1	62	1872, 89	15	1880, 84	20	3·06	52·7	22
	Leith	29·817	42·3	40·5	48·5	37·5	64	1872	18	1885	18	2·07	—	—
	North Shields	29·844	42·8	41·2	48·0	38·4	62	1881, 94	20	1880	17	2·33	—	—
	Spurn Head	29·874	43·8	42·5	47·5	40·7	[61]*	[1894, 95]	[28]*	[1884]	17	2·19	—	—
	Yarmouth	29·898	43·7	42·5	48·0	39·5	60	1895, 98, 99	23	1890	19	2·78	—	—
	Loughborough	29·910	40·9	39·7	48·6	37·0	[64]*	[1900]	[19]*	[1887, 93]	17	2·14	—	—
	Oxford	29·928	41·6	40·4	48·8	37·9	68	1881	19	1871, 87	15	2·30	56·4	22
	LONDON	29·931	42·8	41·3	49·8	38·5	65	1894	19	1879	16	2·29	27·7†	11†
DECEMBER.	Sumburgh Head	29·647	40·1	38·6	43·2	35·9	53	1890	19	1877	26	4·46	—	—
	Stornoway	29·671	40·0	39·0	43·7	34·6	55	1898	15	1880	26	5·68	23·9	12
	Malin Head	29·748	41·6	40·1	45·4	38·3	[55]*	[1900]	[31]*	[1880, 87, 91, 92, 94, 96, 99]	[24]*	[3·36]*	—	—
	Blacksod Point	29·803	43·2	41·3	47·2	39·2	[59]*	[1899]	[26]*	[1896]	[27]*	[6·12]*	—	—
	Valencia	29·880	45·4	43·2	50·1	40·6	57	1884, 88, 99, 1900	24	1886	25	6·34	42·6	18
	Roche's Point	29·894	44·0	42·6	48·5	39·9	58	1873	25	1882	20	5·47	—	—
	Parsonstown	29·872	38·8	37·6	45·5	34·0	58	1877, 1900	8	1878	20	3·17	44·7	20
	Donaghadee	29·823	40·9	40·0	46·1	36·6	56	1885, 88, 94	20	1879	21	2·96	—	—
	Liverpool	29·881	39·4	37·7	44·2	36·1	59	1891, 98, 1900	13	1878	18	2·54	—	—
	Holyhead	29·864	43·2	41·6	46·8	39·5	56	1872, 88	25	1874	20	3·94	—	—
	Pembroke	29·963	44·4	43·0	47·4	40·9	57	1898	19	1890	21	4·17	44·0	19
	Scilly	29·936	47·7	45·8	50·3	43·8	58	1899, 1900	30	1890	22	4·19	—	—
	Jersey	29·992	44·0	42·2	48·1	40·1	61	1876	19	1871	20	3·88	62·3	25
	Portland Bill‡	[29·911]	[45·2]	[43·9]	[48·9]	[39·8]	—	—	—	—	[21]	[3·50]	—	—
	Dungeness	29·952	40·6	39·5	45·2	36·3	56	1880, 97, 98, 1900	12	1890	17	2·11	—	—
	Wick	29·684	38·7	37·5	42·9	33·4	56	[1898]	10	1880	22	3·18	—	—
	Nairn	29·713	37·5	36·0	42·6	32·4	58	1900	10	1882	18	2·16	—	—
	Aberdeen	29·747	37·5	35·8	42·4	33·3	58	1873	6	1882	20	3·23	38·2	19
	Leith	29·782	39·1	37·6	44·5	34·1	60	1896	6	1882	15	1·95	—	—
	North Shields	29·825	38·9	37·5	43·0	34·3	59	1873, 98	10	1878, 79	16	2·34	—	—
	Spurn Head	29·864	39·4	38·2	43·1	35·8	[56]*	[1898]	[19]*	[1891]	17	2·07	—	—
	Yarmouth	29·911	38·6	37·5	42·7	34·2	56	1873	15	1879	17	2·47	—	—
	Loughborough	29·914	36·9	35·9	43·5	32·8	[59]*	[1888, 1900]	[7]*	[1890]	15	2·35	—	—
	Oxford	29·950	37·6	36·5	43·7	34·0	58	1888, 97	6	1878	16	2·16	41·6	18
	LONDON	29·953	38·5	37·3	44·7	34·4	58	1873, 88, 91, 98	11	1878	15	2·15	13·1†	5†

* These values are from observations made during the following periods:—Spurn Head and Loughborough, 20 years, 1881-1900; Malin Head and Blacksod Point (Belmullet), 15 years, 1886-1900.

† The Sunshine values are for Westminster.

‡ The values for Portland Bill are for two years only, 1899-1900.

DAILY WEATHER REPORT

for 8 a.m. on Sunday 1st November, 1903.

Issued by the METEOROLOGICAL OFFICE, 63, Victoria Street, London. **W. N. SHAW**, *Secretary.*

	STATIONS.	YESTERDAY EVENING. (See note on last page.) Barom. At 32° and M.S.L. Ins.	Temp. Dry Bulb. °	Wind. Direc.	Force (0 to 12.)	Weather	THIS MORNING. (See note on last page.) Barometer. At 32° Fahr. and M. S. L. Ins.	Change since Yesterday. Ins.	Temperature. Dry Bulb. °	Wet Bulb. °	Change since Yesterday. °	Wind. Direc.	Force (0 to 12.)	Weather	Sea (0 to 9.)	PAST 24 HOURS. Temp. Max. °	Min. °	Weather	Sunshine. Hours.	Rainfall. Ins.
SCANDINAVIA.	Haparanda ...	29.88	34	ESE	1	f	29.58	-.43	37	37	+8	SSW	2	f	*	37	21	-	*	0.24
	Hernösand ...	29.81	44	Z	0	r	29.70	-.22	43	43	+2	SSW	2	c	*	45	39	-	*	0.08
	Stockholm ...	29.95	46	Z	0	r	29.93	-.04	45	44	-1	SW	2	o	*	50	45	-	*	0.08
	Wisby	30.02	48	SSW	2	r	30.04	+.09	47	45	+1	SW	2	c	*	48	43	-	*	-
	Karlstad	29.90	47	SW	2	o	29.93	-.01	45	43	-1	W	2	b	*	*	*	-	*	-
	Færder (X'iania Fjord)	29.80	48	SSW	5	c	29.93	+.11	46	45	-2	W	6	b	3	48	46	-	*	0.20
	Bodö	29.65	37	E	6	r	29.50	-.27	36	35	-2	ENE	4	r	1	38	34	-	*	0.32
	Christiansund ...	29.54	50	ESE	2	o	29.76	+.10	46	44	0	NNW	6	r	4	?	46	-	*	0.20
	Skudesnaes ...	29.81	46	W	4	o	29.98	+.29	48	46	-1	WNW	4	o	3	50	46	o	*	*
BRITISH ISLANDS.	Sumburgh Head	29.67	44	WNW	4	bc	29.92	+.43	43	41	-4	NE	1	b	3	48	40	o, bc	*	0.04
	Stornoway ...	29.71	49	SW	2	o	29.91	+.23	43	42	-2	WNW	2	bc	2	52	40	o	2.5	0.04
	Malin Head ...	29.66	47	S	5	r	29.96	+.21	50	46	+4	Z	0	b	2	51	46	-	*	0.04
	Blacksod Pt. ...	29.89	51	WNW	5	b	29.95	+.24	47	45	-2	SSE	3	bm	3	53	41	omp, b	*	0.06
	Valencia	29.94	52	NW	5	cq	29.99	+.28	48	45	-6	ESE	2	bc	4	55	39	ogp, cq	0.0	0.07
	Roche's Point ...	29.87	53	NNW	6	c	30.05	+.28	39	39	-15	SE	2	b	1	58	38	f, o, c	*	0.04
	Parsonstown ...	29.81	51	W	2	c	30.04	+.23	35	34	-11	E	1	b	*	55	33	op, c	0.0	0.04
	Donaghadee ...	29.75	52	SSW	2	or	29.98	+.16	51	49	+6	SW	2	c	3	52	44	-	*	0.22
	Liverpool Obsy.	29.82	46	SE	3	op	29.99	+.07	50	49	+5	WNW	3	o	2	52	45	om, op	*	0.05
	Holyhead ...	29.75	50	SE	2	odpm	29.99	+.11	51	50	+3	NW	3	c	3	53	46	o, odpm	*	0.05
	Pembroke (St. Ann's)	29.78	53	WSW	5	o	30.04	+.13	50	47	-3	NW	3	cg	4	56	48	o, pm	0.0	0.33
	Scilly (St. Mary's)...	29.89	55	W	5	o	30.06	+.15	53	50	-1	WNW	2	c	3	58	52	f, o	0.0	0.20
	Jersey (St. Aubins)...	30.01	53	SSE	4	orm	30.09	.00	52	49	0	WNW	4	cm	3	56	52	o, orm	0.5	0.23
	Portland Bill ...	29.87	54	S	5	o	30.03	+.02	51	48	0	NW	3	b	2	55	50	o	*	0.20
	Dungeness ...	30.02	54	SW	4	o	29.95	-.08	53	52	+.10	WNW	2	bc	4	59	42	c, o, p	5.1	0.19
	Wick	29.74	46	NW	2	bc	29.89	+.25	36	35	-9	Z	0	bc	0	52	35	-	*	-
	Nairn	29.75	45	Z	0	c	29.93	+.25	39	30	-8	Z	0	bc	1	54	38	-	*	0.01
	Aberdeen ...	29.79	46	SSW	2	c	29.97	+.26	40	40	-7	W	1	bm	1	54	40	c	3.3	-
	Leith	29.80	49	Z	0	c	29.97	+.21	46	45	-1	Z	0	c	*	55	44	c, r	*	0.11
	North Shields ...	29.85	48	SSW	2	m	29.94	+.13	47	46	-1	NW	1	o	2	55	46	c, m, r	*	0.31
	Spurn Head ...	29.91	50	SSW	4	bc	29.89	+.02	49	48	+3	NW	4	c	2	55	45	bc, p	*	0.05
	Yarmouth ...	29.97	50	SW	3	bc	29.85	-.10	51	50	+8	WNW	4	cg	4	52	39	b, bc	*	0.36
	Nottingham ...	29.89	48	Z	0	r	29.93	-.01	51	50	+10	W	1	c	*	52	41	-	1.7	0.09
	Oxford	29.86	50	SSE	3	r	30.01	-.01	50	47	+9	WNW	3	o	*	54	41	bc, r	*	0.24
	London (Brixton)...	29.96	51	S	2	r	30.02	.00	52	50	+11	WNW	3	o	*	54	40	c, or	0.1	0.29
GERMANY, &c.	The Scaw (Skagen)	29.91	49	WSW	4	m	30.03	+.13	46	45	-3	WSW	2	m	0	52	45	-	*	-
	Fanö	30.04	49	SW	2	b	30.10	+.18	49	47	0	SW	1	o	*	54	46	-	*	0.08
	Cuxhaven ...	30.08	49	S	1	c	30.15	+.17	38	37	-10	S	2	c	*	50	37	-	*	-
	The Helder ...	30.04	50	WSW	2	b	30.00	+.04	46	45	-6	SE	1	r	1	55	41	-	*	?0.16
	Brussels	*	*	*	*	*	30.08	-.02	44	44	+3	SSE	3	r	*	54	41	-	*	-
	Berlin	30.15	50	Z	0	r	30.23	+.20	47	46	-2	Z	0	f	*	50	45	-	*	0.04
	Frankfürt ..	30.19	50	SW	3	o	30.20	+.09	47	46	0	SW	1	o	*	52	47	-	*	-
	Munich	30.19	44	W	2	o	30.19	+.09	43	43	+2	E	2	o	*	45	41	-	*	0.04
FRANCE.	C. Gris Nez ...	30.03	51	SSW	3	c	29.94	-.02	55	54	+7	WSW	4	o	5	57	48	-	*	0.12
	Brest	30.00	57	WSW	3	m	30.12	+.08	51	49	-4	NNW	1	b	1	57	50	-	*	0.16
	Lorient	30.05	58	W	4	f	30.08	-.04	54	53	-2	N	3	c	3	58	52	-	*	0.28
	Rochefort ...	30.12	57	S	3	o	30.06	-.09	59	58	+10	NW	3	o	*	63	46	c, o	*	0.39
	Biarritz	30.21	57	Z	0	f	30.17	-.02	61	61	+3	NNW	4	r	2	63	54	-	*	0.47
	Paris	30.16	44	S	2	b	30.08	-.06	45	45	+9	S	2	o	*	56	36	-	*	0.08
	Belfort	30.14	45	ENE	3	o	30.13	+.08	42	41	-1	ENE	2	m	*	54	41	-	*	-
	Lyons	30.17	46	NW	1	o	?	?	43	42	-2	N	1	m	*	49	42	-	*	-
	Nice	29.83	61	NE	4	bc	29.93	+.31	56	49	+4	Z	0	o	3	64	52	-	*	-
	Perpignan ...	30.07	57	NW	5	b	30.05	+.05	56	48	+3	NW	1	bc	*	61	49	-	*	-
SPAN. PEN.	Corunna	30.28	66	WSW	3	o	30.28	-.04	62	59	+3	WSW	2	o	5	68	57	-	*	-
	Lisbon	30.29	60	N	5	b	30.25	-.11	57	55	0	ENE	1	f	*	66	55	-	*	-
	Azores (P. Delgada)	30.08	68	SW	5	m	30.04	-.11	66	65	-2	SW	4	r	4	72	63	-	*	1.46
	,, (Horta) ...	30.02	66	SW	3	f	30.04	-.02	63	61	-4	Z	0	o	2	68	63	-	*	0.08

NOTE: *The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster: the Sunshine entered to Dungeness is recorded at Littlestone — S...*

* *Observations for this column not generally received.*

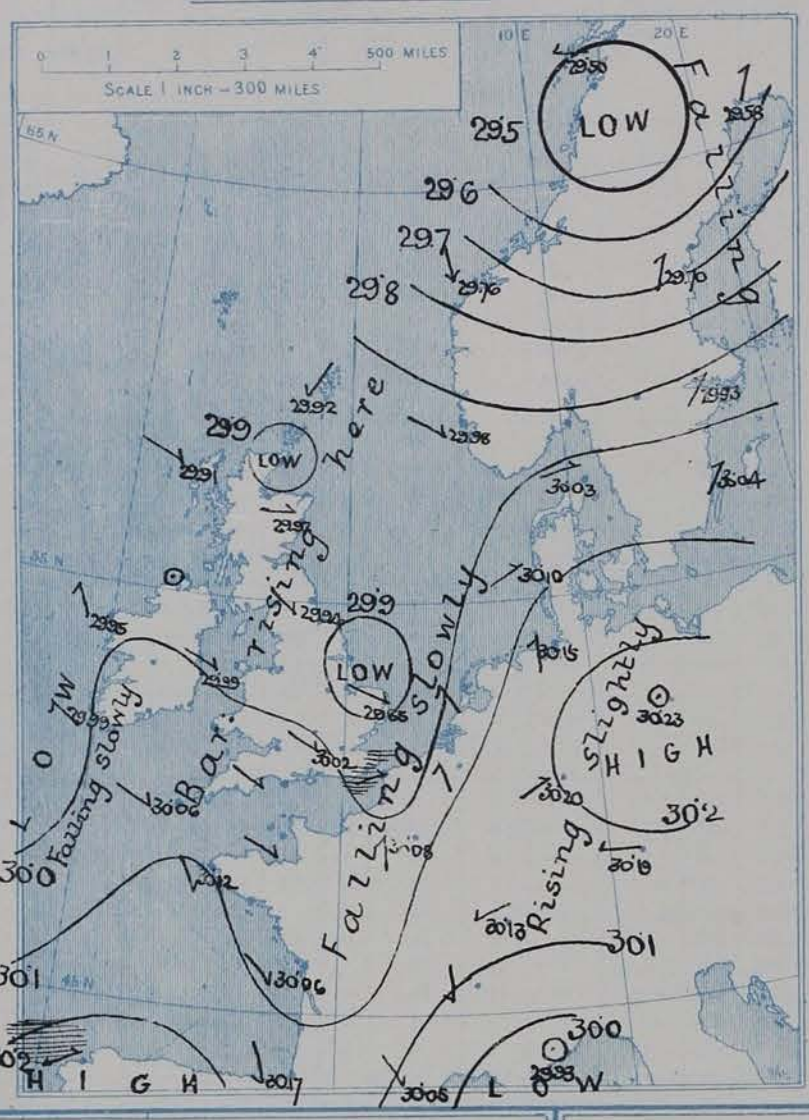
† *Observations received too late for insertion in Charts on next page.*

WEATHER CHARTS

FOR SUNDAY, 1st NOVEMBER, 1903.

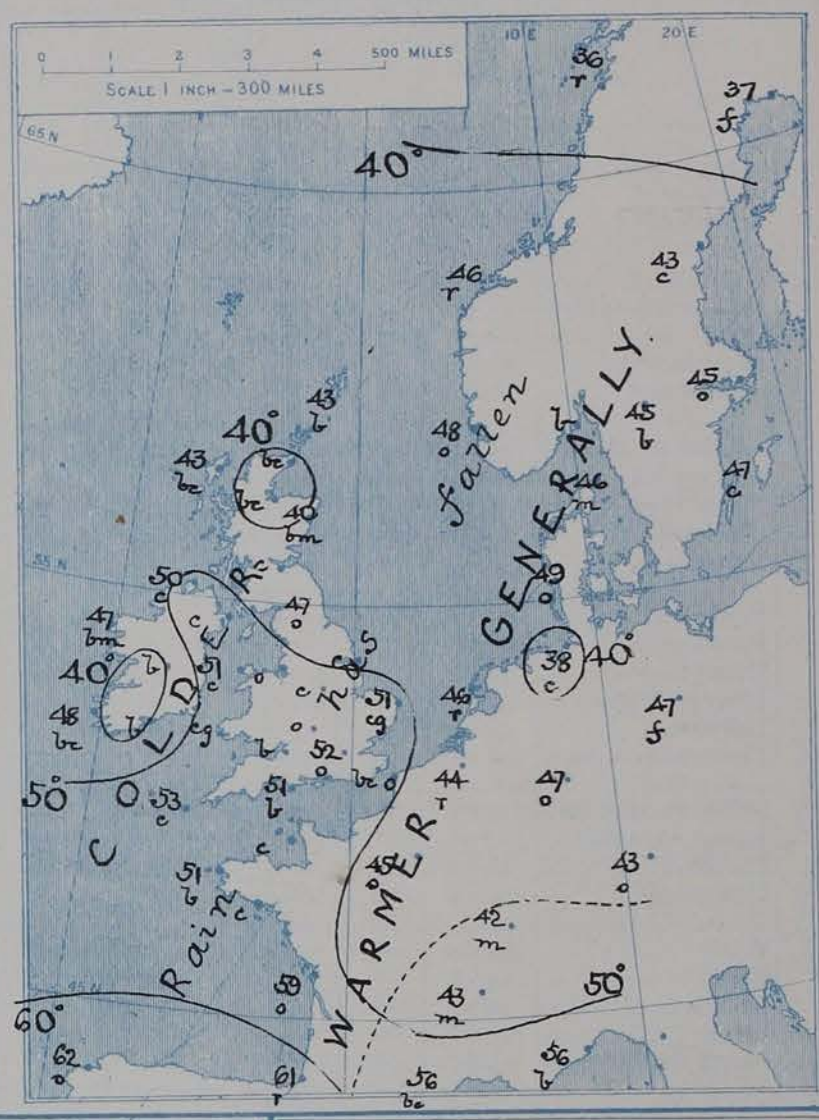
I. BAROMETER, WIND AND SEA. *This Morning.*

BAROMETER.—Isobars are drawn for each tenth of an inch.
WIND.—Arrows show Directions and Force, flying with the wind.
Force above 10 ⟶⟶ : *Force 5 to 7* ⟶ : } Calm ⊙
Force 8 to 10 ⟶ : *Force 1 to 4* ⟶ : }
SEA.—Rough *High*



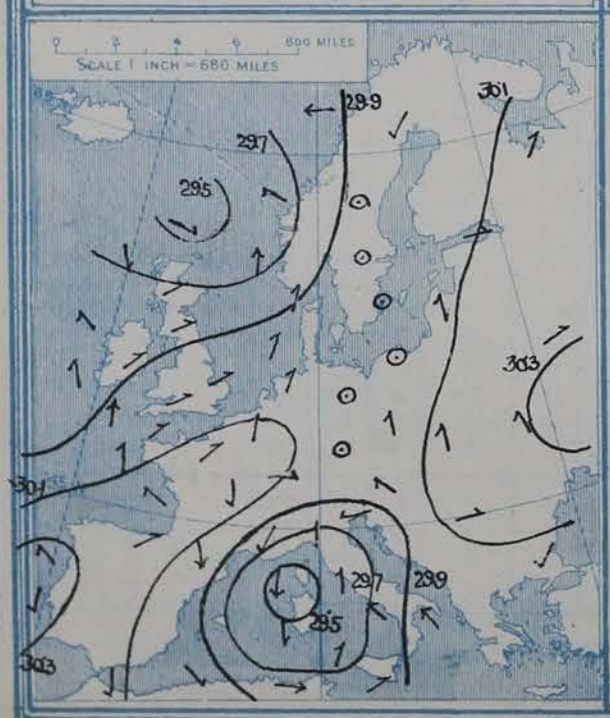
II. TEMPERATURE AND WEATHER. *This Morning.*

TEMPERATURE.—Isotherms are drawn for each 10°.
WEATHER.—Shown by Letters of the Beaufort Scale. *(See P. 4.)*
RAINFALL.—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus – 0·6



III. BAROMETER AND WIND

Yesterday morning.



IV. GREATEST AND LEAST MONTHLY RAINFALL IN NOVEMBER

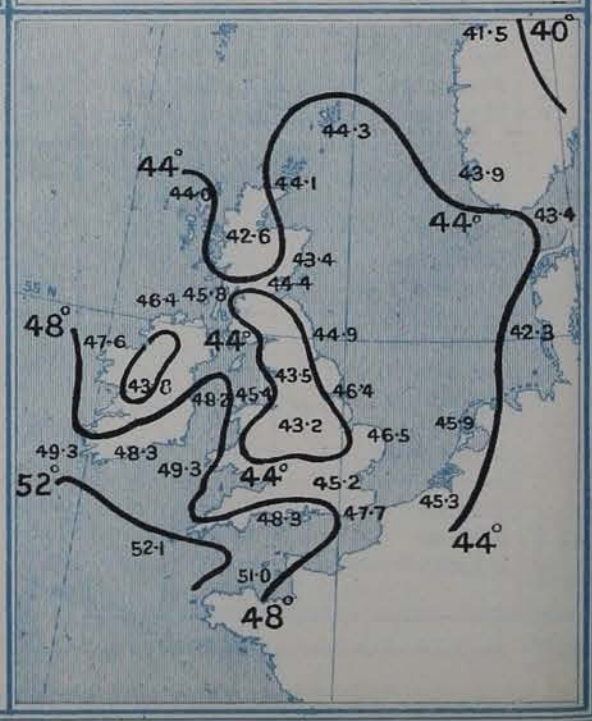
During the 32 Years 1871–1902.

Specimen for LONDON { *Greatest Rainfall* 4·23 (IN 1899)
Least ... Do. 0·43 (IN 1871)

V. *Means of* DAILY TEMPERATURE.

at 8 A.M. *for the Two monthly period*

OCTOBER NOVEMBER (1871–1900.)



GENERAL SITUATION AT 8 A.M.

PRESSURE

An anticyclone has spread northeastwards across France as far as western Germany, occasioning a rise of the barometer in nearly all parts of our area, as far as the Arctic Circle. The depression of yesterday continues to move away slowly to the northward, its centre being now beyond the Shetlands. In the course of this morning, however, a new disturbance has appeared off our southwestern coasts, where the barometer is again giving way. There is a fairly deep depression on the western Mediterranean.

WIND

TEMPERATURE

WEATHER

AND

SEA

A Southerly or Southeasterly wind has set in at all the southwestern stations, blowing freshly only at the mouth of the English Channel. Over the extreme north of Scotland the direction is Northwesterly, and over the remainder of our islands it is Southwesterly, everywhere moderate or light in force. Westerly to Southerly breezes prevail at the Continental stations, except on the south coast of France, where Northeasterly to Northwesterly winds, strong to a gale are reported. Temperature has fallen over the north of Ireland, the greater part of Britain and France, and Rhineland, risen elsewhere. At Bath the present reading is 32°, elsewhere from 41° at Nottingham, Oxford and in London, to 54° at Scilly, Roche's Point and Valencia; from 29° at Haparanda and 36° at Paris to 56° at Lorient and 58° at Biarritz. The weather has become dull and rainy again in the southwest, fair or fine in most other districts. Snow is falling at Haparanda, rain at Skagen, Munich and on the Mediterranean, and fog extends down the Swedish coast to north Germany; fair to fine weather prevails in most other Continental regions. The sea is rather rough off Valencia, Sumburgh Head and Ushant.

During yesterday temperature rose to 58° at Jersey and Dungeness, and 57° at Eastbourne, but only to 49° at Sumburgh Head and Wick, and 47° at Darwen. Some stations had no bright sunshine, Eastbourne and Hastings had 6·5 hours. Ground frost occurred inland in the night, the grass temperature at Oxford being 29°, and in London 28°.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The Atlantic anticyclone is spreading in a northeasterly direction across the Spanish Peninsula into central Europe and the type therefore remains favourable to the advance of disturbances towards our western coasts, moving on a general northeasterly course. Variable weather is probable under these conditions.

FORECASTS*

For the 24 hours ending at NOON on 1st November, 1903

DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	NW. to SW. breezes, light to fresh; fair at first, less settled later, some rain.
1 SCOTLAND EAST	SW. breezes, freshening; fine to unsettled and rainy.
2 ENGLAND N.E.	
3 ENGLAND EAST	SW. breezes, light or moderate; fine at first, becoming less settled, some showers.
4 MIDLAND COUNTIES	
5 ENGLAND SOUTH	

DISTRICTS.	FORECASTS.
6 SCOTLAND WEST	W. to SW. winds, freshening: fair to unsettled and rainy
7 ENGLAND N.W.	SW. winds freshening; fine to unsettled some rain
8 ENGLAND S.W	S. to W. winds moderate to strong; unsettled, dull to rainy
9 IRELAND NORTH	W. to S. winds, freshening; fine to unsettled and rainy.
10 IRELAND SOUTH	SE. to SW. and W. winds, freshening; rainy to fair
WARNINGS	No fresh warning issued at present

Note.—The **South Cone**, *point downwards* ( ), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.

The **North Cone**, *point upwards* ( ), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

* *For terms for transmission of Forecasts by Telegraph, see next page.*

ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	Yesterday 6 p.m.					This Morning 8 a.m.									Past 24 Hours.				
	Bar. Ins.	Temp. °	Wind Direc.	Wind Force	Weather.	Barometer. Ins.	Barometer. Change	Temperature Dry.	Temperature Wet.	Temperature Change	Wind Direc.	Wind Force	Weather.	Sea.	Temperature Max.	Temperature Min.	Weather	Sunshine. Hrs.	Rainfall Ins.
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	bw	*	53	38	b,bc	4.7	–
Bath	29.92	50	SW	1	0	30.00	?	32	31	-18	W	1	0	*	55	?	–	6.0	–

REPORTS FOR YESTERDAY.

STATIONS.	Temperture F. Max.	Temperture F. Min.	Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Sunshine. Hrs.	Rainfall. Ins.
Southport, to 9 p.m.... ...	52°	45°	op,o	0.0	0.02	Broadstairs...	*	*	*	5.3	*
Rhyl, to 6 p.m.	*	*	*	0.5	*	Margate	56	*	*	5.5	*
Llandudno	*	*	*	0.0	*	Lowestoft, to 6 p.m.... ...					
Aberystwyth, to 6 p.m. ...	54	49	c,o	0.0	0.15	Skegness	*	*	*	4.4	*
Plymouth, to 9 p.m.... ...	54	46	bcp	4.5	0.05	Scarborough, to 6 p.m. ...	54	*	*	2.4	*
Worthing	*	*	*	5.8	*	Harrogate, to 6 p.m. ...	51	44	oc,b,o	3.0	0.14
Brighton	56	*	*	4.8	*	Manchester, to 9 p.m. ...	50	45	or	0.0	0.27
Eastbourne, to 6 p.m. ...	57	*	*	6.5	*	Darwen, to 9 p.m.	47	42	or,om,w	0.0	0.25
Hastings	*	*	*	6.5	*	Birmingham, to 9 p.m. ...	52	45	c,r	3.2	0.02

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

STATIONS. 30th Oct. 1903.	Temperature, F. Max.	Temperature, F. Min.	Weather.	Rain. Ins.	STATIONS.	Temperature, F. Max.	Temperature, F. Min.	Weather.	Rain. Ins.
Copenhagen	50	45	m,f	–	Algiers	66	54	r,r	1.65
Utrecht...	52	41	c,m	0.04	Tunis	79	54	o,c	–
Groningen	52	41	r,m	0.12	Madeira (Funchal)				
Vienna	57	45	o,f	–	29th Oct. 1903.	1 p.m.	*	1 p.m.	Measured 7 a.m.
Marseilles	63	50	o,o	0.32	Geneva	48	*	r	0.16
Florence	71	56	o,o	0.47	Berne	52	*	o	–
Rome	74	58	bc,o	0.67	Coire	55	*	r	–
Naples	72	62	o,bc	–	Castasegna	48	*	r	0.87
Palermo					Lugano	54	*	r	2.52
Malta	73	68	f	–	Davos	52	*	o	–

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

COUNTRIES, &c.	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles, Belgium† ...	8 a.m. (West European)	8 a.m.	6 p.m.‡ (W.B.T.)	6 p.m.
Holland	8 a.m. (,, ,,)	8 a.m.	7 p.m. (W.E.T.)	7 p.m.
Germany, Denmark, Norway, Sweden	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
France	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.
Spain	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)	6 p.m.
Portugal	8 a.m. (Lisbon)	8.36 a.m.	3.23 p.m. (Lisbon)	4 p.m.
Azores { Ponta Delgada	6 a.m. (Local)	7.43 a.m.	9 p.m. (Local)	10.43 p.m.
Azores { Horta	6 a.m. (Local)	7.55 a.m.	9 p.m. (Local)	10.55 p.m.

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM, TO-DAY.

31st Oct. 1903.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	6.48	11.37	4.26
Greenwich	6.53	11.44	4.35
Wick	7.28	11.56	4.24
Valencia	7.35	12.25	5.15

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FORECASTS OF WEATHER for one day in advance are drawn up at the Meteorological Office at 11 a.m., and between 7 and 8 p.m. The latest forecast can be had by Reply Telegram, on paying at any Post Office in the United Kingdom **Sixpence in addition to the cost of the inquiry and reply Telegrams.** Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application to the Meteorological Office, 63, Victoria Street, S.W., either personally or by post.

† The evening observations in Belgium are not given on page 1.

‡ At Oxford the observations are taken at 8 p.m.

DAILY WEATHER REPORT

for 8 a.m. on Monday, 2nd November, 1903.

Issued by the METEOROLOGICAL OFFICE, 63, Victoria Street, London. W. N. SHAW, *Secretary.*

	STATIONS.	YESTERDAY EVENING. (See note on last page.) Barom. At 32° and M.S.L. Ins.	Temp. Dry Bulb. °	Wind. Direc.	Wind. Force (0 to 12.)	Weather	THIS MORNING. (See note on last page.) Barometer. At 32° Fahr. and M.S.L. Ins.	Barometer. Change since Yesterday. Ins.	Temperature. Dry Bulb. °	Temperature. Wet Bulb. °	Temperature. Change since Yesterday. °	Wind. Direc.	Wind. Force (0 to 12.)	Weather	Sea (0 to 9.)	PAST 24 HOURS. Temp. Max. °	Temp. Min. °	Weather	Sunshine. Hours.	Rainfall. Ins.
SCANDINAVIA.	Haparanda ...	29.57	33	N	0	0	29.74	+.16	34	32	− 3	NW	2	0	*	37	30	–	*	0.24
	Hernösand ...	29.92	42	W	2	0	30.08	+.38	40	36	− 3	NW	4	8	*	48	39	–	*	–
	Stockholm ...	30.08	46	SW	2	0	30.17	+.24	39	37	− 6	W	2	8	*	50	39	–	*	–
	Wisby	30.17	46	W	4	8	30.21	+.17	46	44	− 1	NW	4	c	*	48	43	–	*	–
	Karlstad	30.10	44	N	0	8	30.28	+.35	34	33	− 11	N	2	8	*	*	*	–	*	–
	Færder (X'iania Fjord)	30.12	45	W	2	8	30.28	+.35	41	40	− 5	NNW	1	8	2	48	41	–	*	–
	Bodö	29.73	42	W	6	r	29.96	+.46	39	36	+ 3	NW	4	o	2	43	36	–	*	0.16
	Christiansund ...	30.08	44	W	4	c	30.21	+.45	43	40	− 3	WSW	3	c	4	46	41	–	*	0.24
	Skudesnaes ...	30.18	46	N	0	8	30.23	+.25	46	45	− 2	ESE	4	o	2	50	45	c, 8	*	*
BRITISH ISLANDS.	Sumburgh Head	30.01	47	SE	3	8c	29.90	−.02	49	48	+ 6	SSE	4	o	4	50	?43	8, 8c	*	0.01
	Stornoway ...	29.89	50	S	4	o	29.84	−.07	50	49	+ 7	SW	5	o	5	51	40	o	0.0	0.11
	Malin Head ...	29.89	51	S	4	8c	29.90	−.06	50	49	0	S	2	om	2	54	48	8, 8c	*	0.04
	Blacksod Pt. ...	29.83	53	SSW	7	omp	29.94	−.01	45	44	− 2	W	2	8cm	2	53	43	c, omp	*	0.13
	Valencia	29.88	54	SE	5	rm	30.01	+.02	49	49	+ 1	N	0	f	4	55	48	rm	0.8	0.15
	Roche's Point ...	29.97	53	S	4	r	29.97	−.08	52	52	+ 13	NW	1	om	1	54	38	o, r, f	*	0.15
	Parsonstown ...	29.95	48	W	1	r	29.97	−.07	51	50	+ 16	N	0	ou	*	53	35	o, r	5.2	0.07
	Donaghadee ...	30.02	47	SSW	2	c	29.95	−.03	52	51	+ 1	SSW	3	od	2	54	46	–	*	0.13
	Liverpool Obsy.	30.12	50	N	0	o	30.04	+.05	46	45	− 4	SSE	3	r	?	53	45	o, r	*	0.08
	Holyhead ...	30.04	50	SSW	2	8c	29.98	−.01	51	50	0	SSW	5	r	4	53	47	c, 8c	*	0.39
	Pembroke (St. Ann's)	30.07	52	SW	4	c	29.99	−.05	55	55	+ 5	S	5	rm	5	55	50	c, r	4.7	0.99
	Scilly (St. Mary's)...	30.09	54	S	4	or	30.00	−.06	55	55	+ 2	S	4	m	3	56	50	o, or	2.5	0.25
	Jersey (St. Aubins)...	29.17	53	WNW	2	8cgm	30.19	+.10	52	50	0	SE	4	cg	3	58	45	8c, gm	5.5	–
	Portland Bill ...	30.13	47	NE	1	c	30.13	+.10	53	52	+ 2	S	2	c	1	53	47	c	*	–
	Dungeness ...	30.11	55	WNW	1	o	30.18	+.23	54	51	+ 1	SW	3	c	2	58	48	c, o	0.8	–
	Wick	29.95	48	W	2	8c	29.88	−.01	49	48	+ 13	S	2	r	1	52	35	–	*	0.03
	Nairn	29.96	43	N	0	8	29.91	−.02	47	46	+ 8	N	0	r	1	51	37	–	*	0.06
	Aberdeen ...	30.04	49	S	3	o	30.00	+.03	48	47	+ 8	SSE	3	om	2	50	40	8, o	0.0	–
	Leith	30.02	50	SW	1	o	30.00	+.03	47	46	+ 1	SE	1	om	*	53	43	o, p	*	0.01
	North Shields ...	30.05	50	N	0	od	30.05	+.11	49	48	+ 2	SSE	2	om	2	50	45	–	*	–
	Spurn Head ...	30.09	50	NNW	3	o	30.15	+.26	50	49	+ 1	S	3	ov	2	52	47	–	*	–
	Yarmouth ...	29.99	52	NW	4	8c	30.17	+.32	51	49	0	SW	3	cm	3	53	42	8c	*	–
	Nottingham ...	30.10	51	N	0	o	30.13	+.20	43	43	− 8	S	1	cf	*	54	41	–	0.0	–
	Oxford	30.16	47	SSW	2	o	30.17	+.16	45	44	− 5	SSE	2	of	*	53	42	–	*	–
	London (Brixton)...	30.10	52	WSW	1	o	30.18	+.16	49	47	− 3	S	1	c	*	55	42	o, c	0.1	–
GERMANY, &c.	The Scaw (Skagen)	30.18	46	WSW	2	m	30.29	+.26	44	43	− 2	W	1	m	o	50	41	–	*	–
	Fanö	30.24	40	N	0	f	30.30	+.20	41	41	− 8	ESE	2	f	*	52	39	–	*	–
	Cuxhaven ...	30.20	48	S	2	o	30.31	+.16	39	37	+ 1	SE	1	f	*	50	37	–	*	–
	The Helder ...	30.11	48	S	1	o	30.23	+.23	48	48	+ 2	S	1	f	o	48	46	–	*	0.16
	Brussels	*	*	*	*	*	30.27	+.19	46	46	+ 2	NW	1	f	*	48	43	–	*	0.08
	Berlin	30.26	48	SE	2	o	30.33	+.10	48	47	+ 1	N	0	f	*	50	46	–	*	–
	Frankfürt ...	30.24	49	NW	1	o	30.31	+.11	47	45	0	N	3	o	*	54	47	–	*	–
	Munich	30.19	46	E	1	o	30.27	+.08	45	45	+ 2	SE	1	o	*	48	43	–	*	–
FRANCE.	C. Gris Nez ...	30.12	53	N	0	o	30.17	+.23	51	50	− 4	SSE	3	m	2	57	48	–	*	–
	Brest	30.17	54	SW	1	o	30.13	+.01	55	55	+ 4	SSE	2	m	3	55	51	–	*	0.04
	Lorient	30.19	53	W	2	o	30.19	+.11	55	55	+ 1	SSE	2	o	2	61	50	–	*	–
	Rochefort ...	30.16	56	NW	3	8	30.22	+.16	47	46	− 12	SE	2	8	*	61	45	c, 8	*	–
	Biarritz	30.26	60	NW	3	f	30.23	+.06	57	57	− 4	ESE	3	o	2	63	55	–	*	0.08
	Paris	30.16	50	N	0	o	30.25	+.17	43	43	− 2	N	1	o	*	51	41	–	*	0.08
	Belfort	30.18	45	ENE	2	o	30.20	+.07	42	42	0	ENE	3	m	*	49	40	–	*	–
	Lyons	30.19	46	N	1	8	30.23	+.02	46	44	+ 3	NW	1	8	*	53	41	–	*	–
	Nice	29.90	62	N	0	8	30.04	+.11	54	53	− 2	N	0	r	2	72	54	–	*	–
	Perpignan ...	30.07	62	NW	3	o	30.14	+.09	54	50	− 2	NE	2	8	*	67	52	–	*	–
SPAN. PEN.	Corunna																		*	
	Lisbon														*				*	
	Azores (P. Delgada)																		*	
	,, (Horta) ...	30.19	58	NE	1	8	30.19	+.15	59	55	− 4	NNE	1	o	2	66	58	–	*	–

NOTE: *The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster: the Sunshine entered to Dungeness is recorded at Littlestone-on-Sea.*

* *Observations for this column not generally received.*

† *Observations received too late for insertion in Charts on next page.*

WEATHER CHARTS

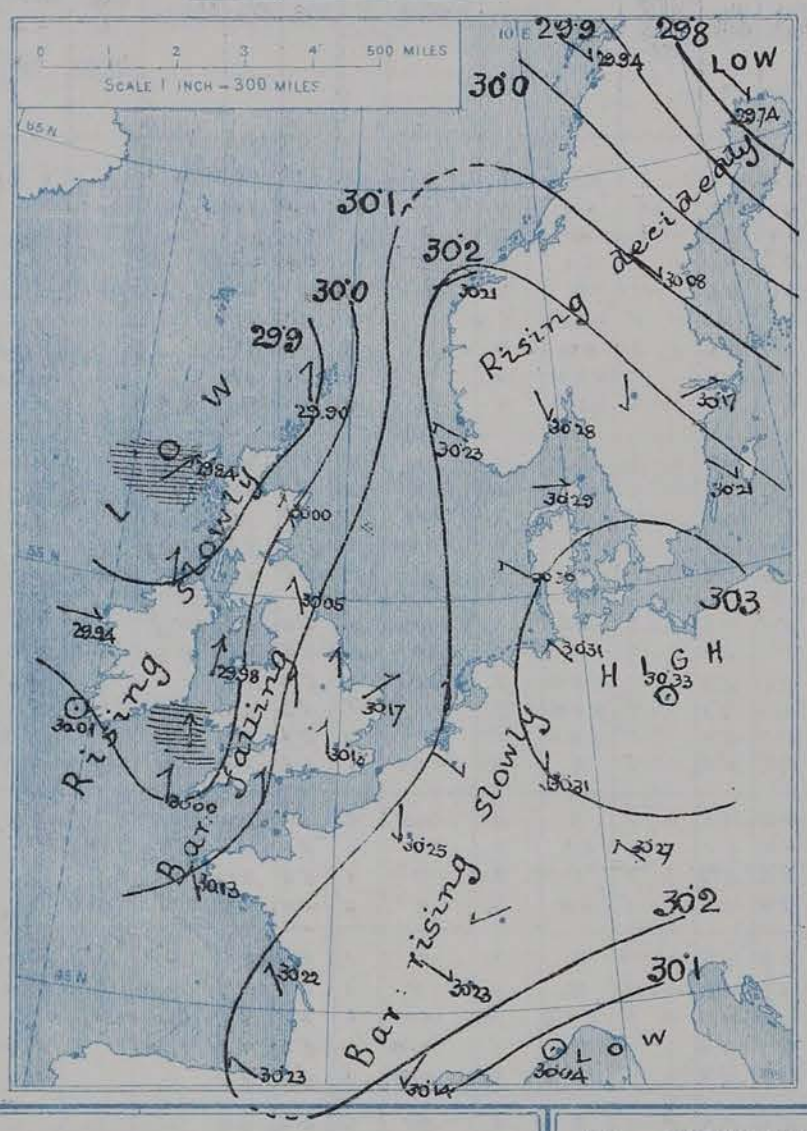
FOR Monday, 2nd November, 1903.

I. BAROMETER, WIND AND SEA. *This Morning.*

BAROMETER.—Isobars are drawn for each tenth of an inch.
WIND.—Arrows show Directions and Force, flying with the wind.

Force above 10 — *Force 8 to 10* — *Force 5 to 7* — *Force 1 to 4* — Calm

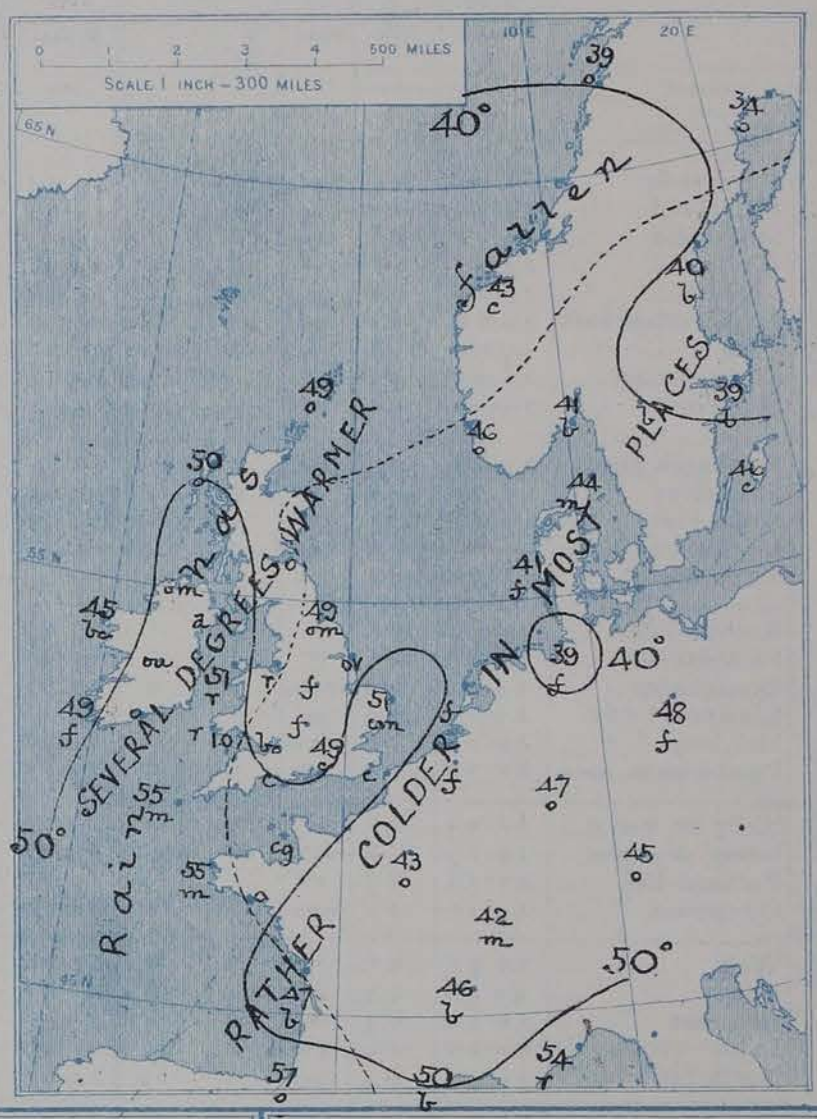
SEA.—Rough — *High*



II. TEMPERATURE AND WEATHER. *This Morning.*

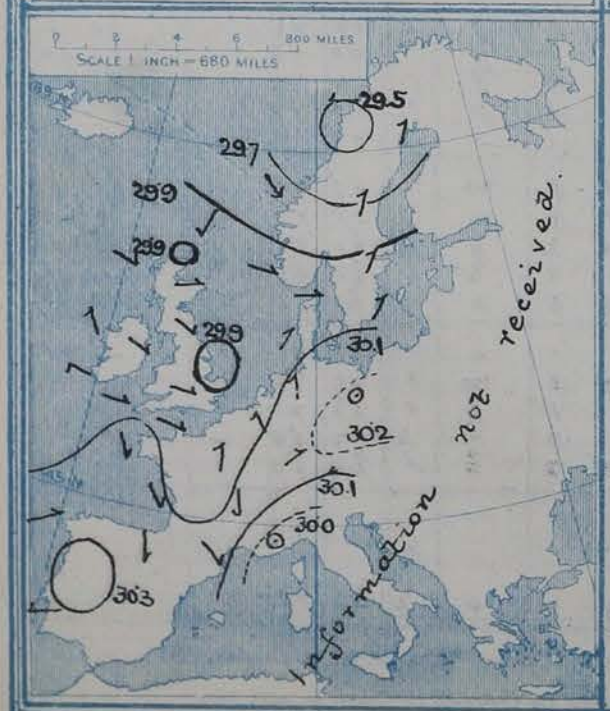
TEMPERATURE.—Isotherms are drawn for each 10°.
WEATHER.—Shown by Letters of the Beaufort Scale. *(See P. 4.)*

RAINFALL.—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus – 0·6



III. BAROMETER AND WIND

Yesterday morning.



IV. GREATEST AND LEAST MONTHLY RAINFALL IN NOVEMBER

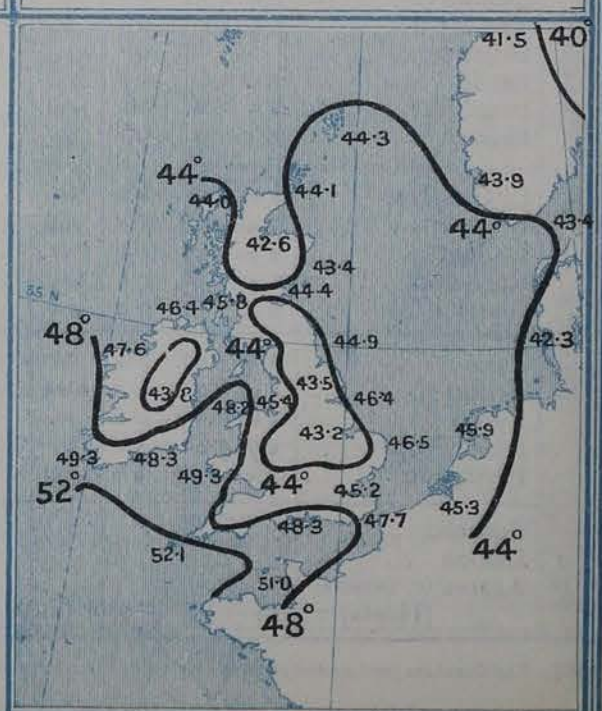
During the 32 Years 1871–1902.

Specimen for LONDON { *Greatest Rainfall* 4·23 (in 1899); *Least ... Do.* ... 0·43 (in 1871)

V. *Means of* DAILY TEMPERATURE.

at 8 A.M. *for the Two monthly period*

OCTOBER NOVEMBER (1871–1900.)



GENERAL SITUATION AT 8 A.M.

PRESSURE

The barometer is now highest, 30·3 ins. and upwards to 30·1 ins., in an anticyclone of irregular form lying over Germany, the east and south of France, the Bay of Biscay and the Spanish Peninsula. The lowest pressures, 29·5 ins. and less, are found in a cyclonic system over the north of Scandinavia. Shallow depressions are lying also over the northeast of Scotland and the east of England, while another is approaching the Irish coasts from the southwest.

WIND

The wind is light from the W. or NW. over Great Britain and from the N. in the west of France, but from the S. or SE. over Denmark and the Netherlands; in the west and south of Ireland it has shifted to the SE. or E. A cyclonic circulation is reported over Scandinavia, and on some parts of the Norwegian coasts the N½. to W½. winds blow strongly.

TEMPERATURE

Temperature has fallen in Ireland and Scotland, but has risen in most other countries. In the north of Scotland and over central Ireland the readings are now below 40°, but in the central and southern parts of England the thermometer stands at 50°, or slightly above it.

WEATHER AND SEA

The weather is fine in most parts of Ireland and Scotland, but cloudy elsewhere, with rain in the west of Norway. The sea is moderate to smooth generally but rather rough at Cape Gris Nez.

During yesterday the thermometer rose to 55 and upwards in many parts of England and Ireland, and to 59° at Dungeness; in the west and south of France it exceeded 60°. The amount of Bright Sunshine was generally small (at many stations there was none) but as many as 5·9 hrs. were recorded at Skegness and 5·5 hrs. at Harrogate. Rain has fallen over Western Europe generally, but not in any great quantity.

A magnetic storm occurred yesterday over Western Europe, and an aurora was seen at night in several parts of Ireland and Scotland.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

FORECASTS*

For the 24 hours ending at NOON on 2ND NOVEMBER 1903

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	None issued.	6 SCOTLAND WEST	None issued.
1 SCOTLAND EAST		7 ENGLAND N.W.	
2 ENGLAND N.E.		8 ENGLAND S.W	
3 ENGLAND EAST		9 IRELAND NORTH	
4 MIDLAND COUNTIES		10 IRELAND SOUTH	
5 ENGLAND SOUTH		WARNINGS	None issued.

Note.—The **South Cone**, *point downwards* (▼), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone

The **North Cone**, *point upwards* (▲), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone

* *For terms for transmission of Forecasts by Telegraph, see next page.*

ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	Yesterday 6 P.M.					This Morning 8 A.M.									Past 24 Hours.				
	Bar. Ins.	Temp. °	Wind Direc^n	Wind Force	Weather.	Barometer. Ins.	Barometer. Change	Temperature Dry.	Temperature Wet.	Temperature Change	Wind Direc^n	Wind Force	Weather.	Sea.	Temperature Max.	Temperature Min.	Weather	Sunshine. Hrs.	Rainfall Ins.
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	o	*	53	43	bc, r	4·5	0·44
Bath	29·83	49	SW	1	o	30·05	+·05	50	46	+·13	W	1	b	*	55	37	–	0·0	0·30

REPORTS FOR YESTERDAY.

STATIONS.	Temperture F. Max.	Temperture F. Min.	Weather.	Sunshine Hrs.	Rainfall. Ins.	STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Sunshine Hrs.	Rainfall. Ins.
	°	°					°	°			
Southport, to 9 p.m.... ...	53	47	or, c, o	0·9	0·03	Broadstairs...	*	*	*		*
Rhyl, to 6 p.m.	*	*	*		*	Margate	57	38	o	3·6	–
Llandudno	*	*	*	0·6	*	Lowestoft, to 6 p.m.... ...					
Aberystwyth, to 6 p.m. ...	52	47	or, c	1·5	0·10	Skegness	*	*	*	5·9	*
Plymouth, to 9 p.m.... ...	57	38	or	0·0	0·46	Scarborough, to 6 p.m. ...					
Worthing	*	*	*	3·2	*	Harrogate, to 6 p.m. ...	53	43	c, b, o	5·5	0·04
Brighton	*	*	*		*	Manchester, to 9 p.m. ...	52	44	bc, r, od	1·3	0·05
Eastbourne, to 6 p.m. ...		*	*		*	Darwen, to 9 p.m.	54	42	bc, op, ou	1·0	0·20
Hastings	*	*	*	4·3	*	Birmingham, to 9 p.m. ...	49	39	c, r	1·0	0·04

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

STATIONS. 31st Oct. 1903.	Temperature, F. Max.	Temperature, F. Min.	Weather.	Rain. Ins.	STATIONS.	Temperature, F. Max.	Temperature, F. Min.	Weather.	Rain. Ins.
Copenhagen	52	46	m, f	0·04	Algiers	66	54	o, o	0·91
Utrecht...	54	39	m, m	–	Tunis	63	52	o, o	0·08
Groningen	54	43	o, o	–	Madeira (Funchal)	Not rec^d			
Vienna	52	41	o, o	–	30th Oct. 1903.	1 p.m.	*	1 p.m.	Measured 7 a.m.
Marseilles	54	46	o, o	0·04	Geneva	43	*	+	1·26
Florence	66	55	o, o	0·12	Berne	41	*	+	0·20
Rome	73	49	o, +	0·28	Coire	46	*	+	0·24
Naples	71	56	c, c	0·75	Castasegna	46	*	+	2·44
Palermo	75	60	o, o	0·04	Lugano	50	*	+	4·06
Malta	78	60	o	–	Davos	36	*	s	0·39

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

COUNTRIES, &c.	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles, Belgium† ...	8 a.m. (West European)	8 a.m.	6 p.m.‡ (W.E.T.)	6 p.m.
Holland	8 a.m. (" ")	8 a.m.	7 p.m. (W.E.T.)	7 p.m.
Germany, Denmark, Norway, Sweden	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
France	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.
Spain	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)	6 p.m.
Portugal	8 a.m. (Lisbon)	8.36 a.m.	3.23 p.m. (Lisbon)	4 p.m.
Azores { Ponta Delgada	6 a.m. (Local)	7.43 a.m.	9 p.m. (Local)	10.43 p.m.
Azores { Horta	6 a.m. (Local)	7.55 a.m.	9 p.m. (Local)	10.55 p.m.

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM, TO-DAY.

1st Nov. 1903.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	6·50	11·37	4·24
Greenwich	6·55	11·44	4·33
Wick	7·30	11·56	4·22
Valencia	7·37	12·25	5·13

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FORECASTS OF WEATHER for one day in advance are drawn up at the Meteorological Office at 11 a.m., and between 7 and 8 p.m. The latest forecast can be had by Reply Telegram, on paying at any Post Office in the United Kingdom **Sixpence in addition to the cost of the inquiry and reply Telegrams.** Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application to the Meteorological Office, 63, Victoria Street, S.W., either personally or by post.

† The evening observations in Belgium are not given on page 1.

‡ At Oxford the observations are taken at 8 p.m.

DAILY WEATHER REPORT

for 8 a.m. on Tuesday, 3rd November, 1903.

Issued by the METEOROLOGICAL OFFICE, 63, Victoria Street, London. W. N. SHAW, *Secretary.*

	STATIONS.	YESTERDAY EVENING. (See note on last page.) Barom. At 32° and M.S.L. Ins.	Temp. Dry Bulb. °	Wind. Direc.	Wind. Force (0 to 12.)	Weather	THIS MORNING. (See note on last page.) Barometer. At 32° Fahr. and M.S.L. Ins.	Barometer. Change since Yesterday. Ins.	Temperature. Dry Bulb. °	Temperature. Wet Bulb. °	Temperature. Change since Yesterday. °	Wind. Direc.	Wind. Force (0 to 12.)	Weather	Sea (0 to 9.)	PAST 24 HOURS. Temp. Max. °	Temp. Min. °	Weather	Sunshine. Hours.	Rainfall. Ins.
SCANDINAVIA.	Haparanda ...	30·11	28	N	0	b	30·13	+·39	28	27	− 6	N	0	0	*	37	25	–	*	–
	Hernösand ...	30·29	31	N	0	b	30·11	+·03	37	35	− 3	SW	4	bc	*	45	31	–	*	–
	Stockholm ...	30·39	39	N	0	b	30·34	+·17	38	38	− 1	SW	2	f	*	46	37	–	*	–
	Wisby	30·40	41	N	0	b	30·38	+·17	41	39	− 5	N	0	b	*	48	36	–	*	–
	Karlstad	30·37	42	N	0	c	30·28	·00	44	43	+ 10	WSW	4	0	*	*	*	–	*	–
	Færder (X'iania Fjord)	30·33	43	SW	1	0	30·20	−·08	46	45	+ 5	SSW	6	0	3	46	39	–	*	–
	Bodö	30·10	38	W	4	0	29·82	−·14	38	37	− 1	E	6	r	2	39	36	–	*	0·39
	Christiansund ...	30·08	47	SE	1	0	29·88	−·33	48	47	+ 5	WSW	1	0	2	48	43	–	*	–
	Skudesnaes ...	30·18	50	S	6	r	30·03	−·20	50	49	+ 4	SSW	6	r	4	50	46	0, r	*	*
BRITISH ISLANDS.	Sumburgh Head	29·86	49	S	3	r	29·85	−·05	47	45	− 2	SW	4	c	4	51	46	0, r	*	0·20
	Stornoway ...	29·88	48	W	3	0	29·92	+·08	46	43	− 4	WSW	3	c	3	54	41	c, 0	2·4	0·11
	Malin Head ...	29·99	48	W	3	b	30·15	+·25	48	45	− 2	SW	5	bc	3	52	47	bc, b	*	0·01
	Blacksod Pt. ...	30·03	49	SW	5	cmp	30·25	+·31	50	48	+ 5	WSW	5	b	4	54	44	bc, cpm	*	0·08
	Valencia	30·15	51	SW	4	b	30·36	+·35	45	44	− 4	N	0	b	4	54	42	bc, b	5·1	0·01
	Roche's Point ...	30·14	50	NNW	2	b	30·36	+·39	42	42	− 10	NNW	2	b	1	55	39	bc, b	*	–
	Parsonstown ...	30·10	46	E	2	b	30·32	+·35	38	37	− 13	?E	2	b	*	55	36	c, b	1·9	–
	Donaghadee ...	30·03	48	WSW	2	b	30·24	+·29	41	40	− 11	WSW	3	b	2	52	39	–	*	0·08
	Liverpool Obsy.	30·06	51	SSE	1	r	30·29	+·25	48	45	+ 2	W	3	b	1	52	46	r	*	0·43
	Holyhead ...	30·05	53	NW	3	odf	30·29	+·31	49	47	− 2	WNW	2	bc	2	54	47	f, odf	*	0·17
	Pembroke (St. Ann's)	30·06	55	NW	2	0	30·32	+·33	50	48	− 5	NNW	3	b	3	56	48	odf	0·0	0·18
	Scilly (St. Mary's)...	30·13	54	NNW	5	c	30·30	+·30	52	49	− 3	NNW	4	c	3	57	49	r, c	0·0	0·36
	Jersey (St. Aubins)...	30·21	54	ENE	3	omd	30·26	+·07	54	52	+ 2	NW	3	opm	3	56	52	o, odm	0·6	0·05
	Portland Bill ...	30·12	55	SSW	3	d	30·26	+·13	48	46	− 5	N	2	c	2	56	48	om, d	*	0·09
	Dungeness ...	30·20	53	SW	3	c	30·20	+·02	56	?50	+ 2	SW	1	d	2	57	53	bc, c	4·0	0·09
	Wick	29·89	47	S	2	r	29·96	+·08	43	42	− 6	W	2	b	1	50	40	–	*	0·30
	Nairn	29·91	48	N	0	0	30·02	+·11	44	42	− 3	SW	2	b	1	52	39	–	*	0·02
	Aberdeen ...	29·95	47	SSW	3	om	30·09	+·09	39	38	− 9	WSW	2	bm	2	50	37	om	0·0	0·13
	Leith	29·95	48	N	0	0	30·15	+·15	46	45	− 1	WSW	2	b	*	50	44	rm, ar	*	0·17
	North Shields ...	29·97	50	SSW	2	r	30·20	+·15	46	45	− 3	WSW	2	bcm	2	51	44	r	*	0·30
GERMANY, &c.	Spurn Head ...	30·07	50	SSW	5	r	30·20	+·05	47	46	− 3	NNW	4	bc	2	53	46	–	*	0·32
	Yarmouth ...	30·14	53	SSW	4	bc	30·19	+·02	52	51	+ 1	NNW	4	odf	3	55	47	bc	*	0·19
	Nottingham ...	30·08	50	SSW	1	r	30·26	+·13	42	42	− 1	SW	1	b	*	52	41	–	0·0	0·35
	Oxford	30·13	50	SSE	2	r	30·30	+·13	46	45	+ 1	N	1	bc	*	53	44	op	*	0·26
	London (Brixton)...	30·14	51	N	0	od	30·25	+·07	50	50	+ 1	NW	1	og	*	56	47	c, od, ar	0·2	0·22
	The Scaw (Skagen)	30·35	46	SSW	4	m	30·26	−·03	46	45	+ 2	SW	4	m	1	48	41	–	*	–
	Fanö	30·34	44	SE	2	0	30·25	−·05	44	44	+ 3	SE	2	m	*	45	41	–	*	–
	Cuxhaven ...	30·34	45	SSE	2	b	30·30	−·01	44	44	+ 5	S	1	f	*	46	39	–	*	–
	The Helder ...	30·24	49	S	1	m	30·20	−·03	47	46	− 1	S	1	r	0	50	46	–	*	0·04
	Brussels	*	*	*	*	*	30·29	+·02	45	44	− 1	SSE	2	c	*	55	40	–	*	–
	Berlin	30·39	49	ESE	1	0	30·35	+·02	48	47	0	N	0	0	*	50	46	–	*	–
	Frankfürt ...	30·33	49	N	1	0	30·31	·00	49	48	+ 2	N	1	0	*	52	?	–	*	–
	Munich	30·32	46	SE	3	0	30·31	+·04	45	44	0	E	2	0	*	48	45	–	*	–
FRANCE.	C. Gris Nez ...	30·20	50	SSE	3	bc	30·18	+·01	51	50	0	SSW	3	m	2	55	48	–	*	–
	Brest	30·15	57	SW	3	0	30·29	+·16	51	49	− 4	NE	1	0	2	59	50	–	*	–
	Lorient	30·20	57	S	2	0	30·26	+·07	54	54	− 1	N	4	c	4	61	52	–	*	0·04
	Rochefort ...	30·21	54	E	1	0	30·22	·00	54	53	+ 7	ENE	2	0	*	59	45	c, 0	*	–
	Biarritz	30·24	59	ENE	2	0	30·25	+·02	54	53	− 3	SSW	1	c	2	64	52	–	*	–
	Paris	30·28	46	SE	1	b	30·28	+·03	40	40	− 3	SSE	1	c	*	57	39	–	*	–
	Belfort	30·26	47	ENE	2	m	30·27	+·07	45	44	+ 3	ENE	2	m	*	53	42	–	*	–
	Lyons	30·27	46	E	1	b	30·32	+·09	42	?	− 4	N	1	0	*	55	40	–	*	–
	Nice	30·10	60	N	0	b	30·15	+·11	57	49	+ 3	E	1	c	3	70	54	–	*	–
	Perpignan ...	30·21	54	W	1	b	30·21	+·07	42	39	− 12	SW	2	b	*	65	41	–	*	–
SPAN. PEN.	Corunna																		*	
	Lisbon														*				*	
	Azores (P. Delgada)																		*	
	" (Horta) ...	30·20	63	NW	2	0	30·18	−·01	65	62	+ 6	SSE	4	0	2	65	59	–	*	0·04

NOTE: *The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster: the Sunshine entered to Dungeness is recorded at Littlestone-on-Sea.*

* *Observations for this column not generally received.*

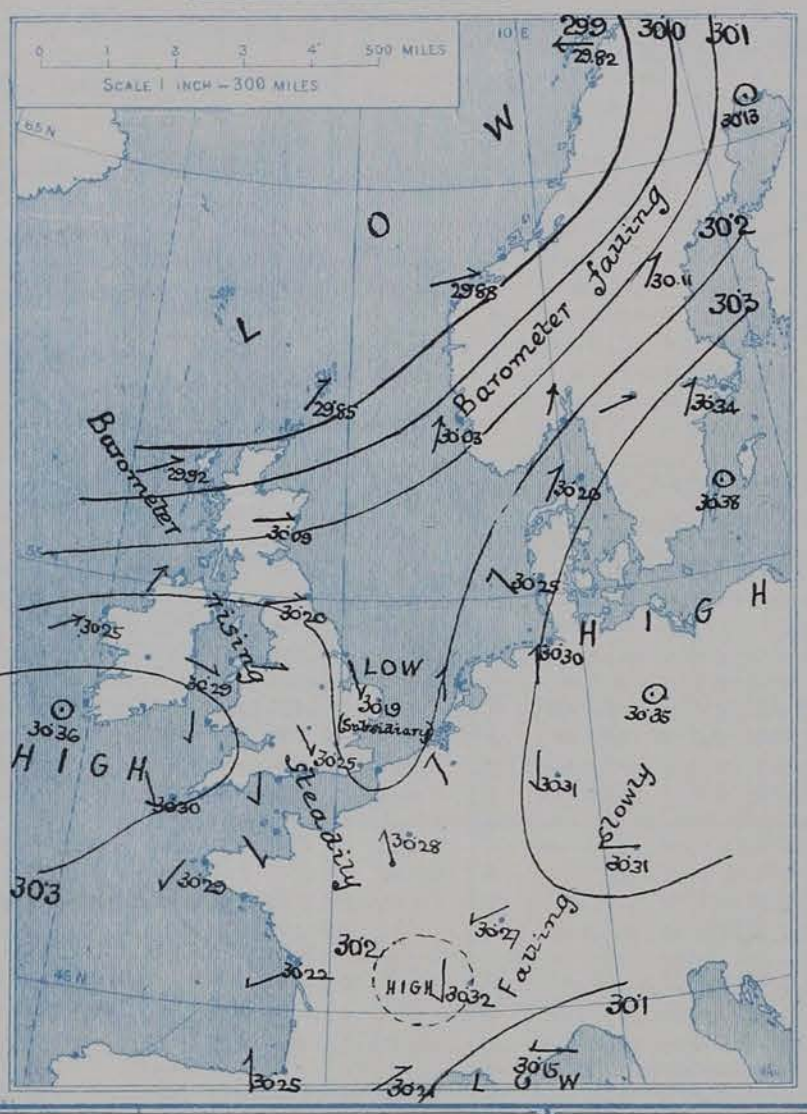
† *Observations received too late for insertion in Charts on next page.*

WEATHER CHARTS

FOR TUESDAY, 3rd NOVEMBER. 1903.

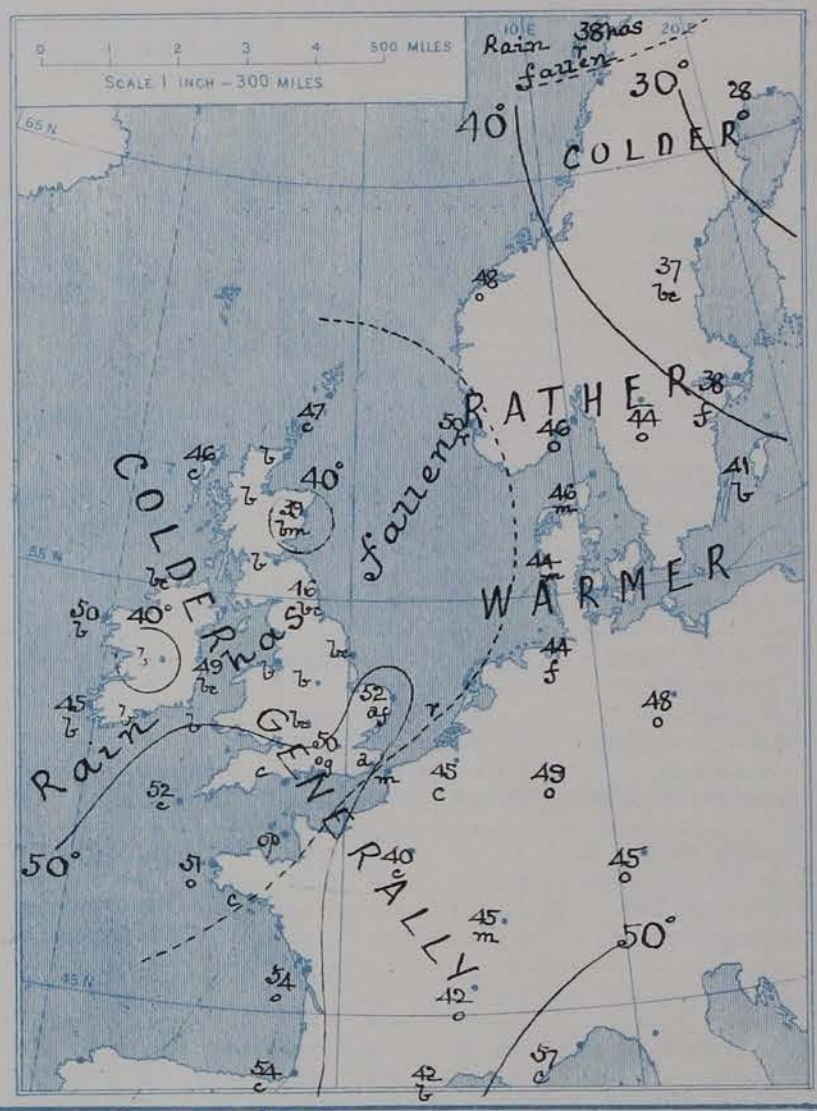
I. BAROMETER, WIND AND SEA. *This Morning.*

BAROMETER.—Isobars are drawn for each tenth of an inch.
WIND.—Arrows show Directions and Force, flying with the wind.
Force above 10 — *Force 8 to 10* — *Force 5 to 7* — *Force 1 to 4* — Calm ⊙
SEA.—Rough — *High*



II. TEMPERATURE AND WEATHER. *This Morning.*

TEMPERATURE.—Isotherms are drawn for each 10°.
WEATHER.—Shown by Letters of the Beaufort Scale. *(See P. 4.)*
RAINFALL.—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus – 0·6



III. BAROMETER AND WIND

Yesterday morning.

IV. GREATEST AND LEAST MONTHLY RAINFALL IN NOVEMBER

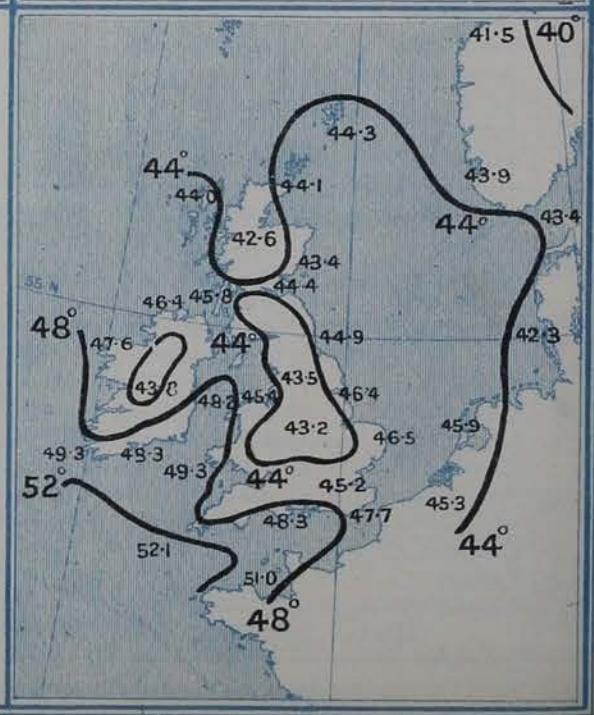
During the 32 Years 1871–1902.

Specimen for LONDON { *Greatest Rainfall* 4·23 (IN 1899) / *Least ... Do.* 0·43 (IN 1871)

V. *Means of* DAILY TEMPERATURE.

at 8 A.M. *for the Two monthly period*

OCTOBER NOVEMBER (1871–1900.)



GENERAL SITUATION AT 8 A.M.

PRESSURE

A large "V-shaped" depression has advanced from the W^ward over our western and northern districts, its central area, with readings below 29.9 ins, being at present situated off the west and north of Scotland. In the rear of the disturbance a recovery of pressure is reported in Ireland, but in the west and north of Great Britain the barometer is falling. A large anticyclone lies over the western and central parts of the Continent, the highest pressures, 30.3 ins and upwards, being found in Denmark & Germany. A depression which lay over the north of Scandinavia yesterday is travelling away in a NE^ly direction across Lapland.

WIND TEMPERATURE WEATHER AND SEA

The wind is S^ly over Great Britain, with rain at many of the western and northern stations, but is calm or light from the W or NW in Ireland with cloudy misty weather. At the western Continental stations the wind is light from the SE^ward, but in Sweden it is NW^ly while in Germany and central France it is very variable. Fog prevails over central England and Denmark, Germany and the Netherlands; in Sweden the weather is fine. Temperature has risen several degrees in the regions covered by the "V-shaped" disturbance, but has fallen in nearly all other parts of our area. The readings are, however, still above the normal over western Europe generally, the thermometer being above 50° on several parts of the English and Irish coasts, and as high as 55° at Pembroke and Scilly. At some of the central stations in England and France the readings are below 45°. The sea is rather rough at Stornoway and Pembroke, but is slight or smooth elsewhere.

During yesterday the thermometer rose to between 50° and 55° over the United Kingdom generally, and to 58° at Dungeness and Jersey; in the west of France it exceeded 60°, and at Nice it rose to 72°. Scarcely any bright sunshine was registered over the northern and central parts of the United Kingdom; on the Sussex coasts the record varied between 7 and 8 hours. Rain has again fallen at most of our western and northern stations, the amount at Pembroke being as much as 1.0 inch.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The depression over our western and northern districts is likely to move eastwards and to cause rain in most parts of Great Britain. Fresh disturbances will probably arrive off our western coasts shortly, and the weather is likely to remain in a very changeable condition generally, with sudden changes of wind from S to W or NW and vice versa.

FORECASTS*

For the 24 hours ending at NOON on 3rd November, 1903

DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	S^ly to SW^ly winds, moderate; dull at first, with some rain, improving temporarily later.
1 SCOTLAND EAST	
2 ENGLAND N.E.	S^ly winds probable today, with some rain; shifting later to W or NW with finer & colder weather, but improvement only temporary.
3 ENGLAND EAST	
4 MIDLAND COUNTIES	
5 ENGLAND SOUTH	
6 SCOTLAND WEST	W' or NW' winds, backing later to the S^ward and freshening; weather improving today, but becoming rainy again tomorrow.
7 ENGLAND N.W.	
8 ENGLAND S.W	
9 IRELAND NORTH	S^ly to SE^ly winds, increasing in force; fair at first, then dull and rainy.
10 IRELAND SOUTH	
WARNINGS	at 7 pm yesterday to districts 6, 10 and parts of 0 and 9 "Hoist South Cone."

Note.—The **South Cone**, *point downwards* (▼), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W and N.W is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.

The **North Cone**, *point upwards* (▲), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

* *For terms for transmission of Forecasts by Telegraph, see next page.*

ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

Telegraphic Reports To-Day.	Yesterday 6 P.M. Bar. Ins.	Temp. °	Wind Direc.	Wind Force	Weather.	This Morning 8 A.M. Barometer. Ins.	Barometer. Change	Temperature Dry.	Temperature Wet.	Temperature Change	Wind Direc.	Wind Force	Weather.	Sea.	Past 24 Hours. Temperature Max.	Temperature Min.	Weather	Sunshine. Hrs.	Rainfall Ins.
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	m	*	53	49	0	0·0	–
Bath	30·07	47	S	1	8c	30·12	+·07	46	45	– 4	SE	1	8c	*	53	39	–	0·0	–

REPORTS FOR YESTERDAY.

Stations.	Temperature F. Max.	Temperature F. Min.	Weather.	Sunshine Hrs.	Rainfall. Ins.	Stations.	Temperature F. Max.	Temperature F. Min.	Weather.	Sunshine Hrs.	Rainfall. Ins.
Southport, to 9 p.m.... ...	54°	48°	c, or, c	0·4	0·05	Broadstairs...	*	*	*		*
Rhyl, to 6 p.m....	*	*	*	0·0	*	Margate	54	*	*	0·0	*
Llandudno...	*	*	*	0·0	*	Lowestoft, to 6 p.m.... ...					
Aberystwyth, to 6 p.m. ...	56	49	8c	7·0	–	Skegness	*	*	*	0·0	*
Plymouth, to 9 p.m.... ...						Scarborough, to 6 p.m. ...	53	*	*	0·0	*
Worthing	*	*	*	7·1	*	Harrogate, to 6 p.m. ...	53	44	c, rg, o	0·0	0·15
Brighton	57	*	*	7·5	*	Manchester, to 9 p.m. ...	56	49	omg	0·1	0·07
Eastbourne, to 6 p.m. ...	57	*	*	8·0	*	Darwen, to 7 p.m.	52	44	or, md, o	0·3	0·11
Hastings	*	*	*	5·3	*	Birmingham, to 9 p.m. ...	51	47	o, d, o	0·0	0·05

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

Stations. 1st Nov.r 1903.	Temperature, F. Max.	Temperature, F. Min.	Weather.	Rain. Ins.	Stations.	Temperature, F. Max.	Temperature, F. Min.	Weather.	Rain. Ins.
Obsns not recd									
Copenhagen					Algiers		*		
Utrecht...					Tunis		*		
Groningen					Madeira (Funchal)		*		
Vienna					31st Oct.r 1903	1 p.m.	*	1 p.m.	Measured 7 a.m.
Marseilles					Geneva	50	*	8c	0·51
Florence					Berne	45	*	c	0·67
Rome					Coire	45	*	8c	0·51
Naples					Castasegna	54	*	c	1·02
Palermo					Lugano	55	*	f	1·30
Malta					Davos	37	*	c	0·35.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

Countries, &c.	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles, Belgium† ...	8 a.m. (West European)	8 a.m.	6 p.m.‡ (W.E.T.)	6 p.m.
Holland	8 a.m. („ „)	8 a.m.	7 p.m. (W.E.T.)	7 p.m.
Germany, Denmark, Norway, Sweden	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
France	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.
Spain	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)	6 p.m.
Portugal	8 a.m. (Lisbon)	8.36 a.m.	3.23 p.m. (Lisbon)	4 p.m.
Azores { Ponta Delgada	6 a.m. (Local)	7.43 a.m.	9 p.m. (Local)	10.43 p.m.
Azores { Horta	6 a.m. (Local)	7.55 a.m.	9 p.m. (Local)	10.55 p.m.

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM, TO-DAY.

2nd Nov.r 1903.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	6.52	11.37	4.22
Greenwich	6.57	11.44	4.31
Wick	7.32	11.56	4.20
Valencia	7.39	12.25	5.11

SUBSCRIPTIONS both for the Daily *and* Weekly Weather Reports *may be paid, in advance, to the* Meteorological Office.

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„ Weekly „ „ „ £1 10 0 „ Single Copies, 6d.

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FORECASTS OF WEATHER for one day in advance are drawn up at the Meteorological Office at 11 a.m., and between 7 and 8 p.m. The latest forecast can be had by Reply Telegram, on paying at any Post Office in the United Kingdom **Sixpence in addition to the cost of the inquiry and reply Telegrams.** Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application to the Meteorological Office, 63, Victoria Street, S.W., either personally or by post.

† The evening observations in Belgium are not given on page 1.

‡ At Oxford the observations are taken at 8 p.m.

DAILY WEATHER REPORT

for 8 a.m. on Wednesday, 4th November, 1903.

Issued by the METEOROLOGICAL OFFICE, 63, Victoria Street, London. W. N. SHAW, *Secretary.*

	STATIONS.	YESTERDAY EVENING. (See note on last page.) Barom. At 32° and M.S.L. Ins.	Temp. Dry Bulb. °	Wind. Direc.	Wind. Force (0 to 12.)	Weather	THIS MORNING. (See note on last page.) Barometer. At 32° Fahr. and M.S.L. Ins.	Barometer. Change since Yesterday. Ins.	Temperature. Dry Bulb. °	Temperature. Wet Bulb. °	Temperature. Change since Yesterday. °	Wind. Direc.	Wind. Force (0 to 12.)	Weather	Sea (0 to 9.)	PAST 24 HOURS. Temp. Max. °	Temp. Min. °	Weather	Sunshine. Hours.	Rainfall. Ins.
SCANDINAVIA.	Haparanda ...	29.69	35	W	2	0	29.61	− ·52	32	30	+ 4	W	2	b	*	37	19	–	*	–
	Hernösand ...	29.86	44	N	0	0	29.80	− ·31	34	30	− 3	N	0	b	*	44	25	–	*	0·83
	Stockholm ...	30·17	43	N	0	0	29.98	− ·36	45	44	+ 7	SW	4	0	*	45	34	–	*	0·04
	Wisby	29·89	44	W	2	0	30·08	− ·30	45	43	+ 4	W	4	0	*	45	34	–	*	–
	Karlstad	30·08	46	SW	6	r	30·01	− ·27	40	40	− 4	SW	2	b	*	*	*	–	*	0·04
	Færder (X'iania Fjord)	30·03	48	SW	3	m	30·00	− ·20	46	45	0	SW	6	b	3	48	45	–	*	0·08
	Bodö	29.76	33	SW	6	r	29.50	− ·32	44	42	+ 6	SW	6	0	3	44	33	–	*	0·32
	Christiansund ...	29.86	47	SW	6	r	29.65	− ·23	47	42	− 1	SSW	6	r	4	48	45	–	*	0·20
	Skudesnaes ...	30·11	48	WSW	4	c	30·03	·00	49	48	− 1	W	7	0	4	50	46	b, c	*	*
BRITISH ISLANDS.	Sumburgh Head	29.85	48	WSW	4	0	29.98	+ ·13	47	44	0	WNW	5	c	5	49	42	r, 0	*	0·67
	Stornoway ...	29.96	49	WSW	5	r	30·25	+ ·33	47	45	+ 1	WNW	3	bc	3	50	44	0 g, r	3·0	0·17
	Malin Head ...	30·22	48	W	7	cp	30·42	+ ·27	51	47	+ 3	W	5	0	4	52	47	0, cp	*	0·03
	Blacksod Pt. ...	30·35	52	WNW	4	c	30·50	+ ·25	47	46	− 3	WNW	1	bcm	2	53	45	c, w	*	0·01
	Valencia	30·43	46	N	0	c	30·52	+ ·16	36	36	− 9	N	0	b	4	54	35	bc, c	7·0	–
	Roche's Point ...	30·42	47	N	0	c	30·50	+ ·14	44	44	+ 2	N	1	bw	1	54	41	b, c	*	0·02
	Parsonstown ...	30·40	45	E	2	b	30·53	+ ·21	37	36	− 1	E	1	cf	*	55	35	bc, b	6·0	–
	Donaghadee ...	30·31	47	WSW	2	bc	30·46	+ ·22	47	46	+ 6	WSW	2	c	3	52	40	–	*	–
	Liverpool Obsy.	30·38	46	WNW	2	b	30·46	+ ·17	46	45	− 2	W	2	b	2	52	44	bc, b	*	–
	Holyhead ...	30·38	49	WNW	1	bc	30·47	+ ·18	51	49	+ 2	NW	3	bcp	2	54	47	b, bc	*	–
	Pembroke (St. Ann's)	30·37	47	NNW	3	b	30·46	+ ·14	44	43	− 6	ENE	2	bc	2	53	42	–	7·3	–
	Scilly (St. Mary's)...	30·38	53	NNE	4	c	30·40	+ ·10	51	48	− 1	NE	4	bc	3	55	48	bc, c	7·3	–
	Jersey (St. Aubins)...	30·33	53	NNE	3	0g	30·36	+ ·10	52	49	− 2	NE	4	0m	3	57	51	bc, 0, g	0·3	–
	Portland Bill ...	30·33	50	NNE	2	bc	30·41	+ ·15	44	43	− 4	NE	2	b	1	53	42	bc	*	–
	Dungeness ...	30·31	52	NNE	2	c	30·39	+ ·19	43	42	− 13	NNE	2	cm	1	56	40	0, c, m	0·0	0·01
	Wick	29.96	46	W	2	bc	30·17	+ ·21	47	45	+ 4	WNW	3	bc	1	51	43	–	*	0·02
	Nairn	30·05	47	SW	2	bc	30·25	+ ·23	48	44	+ 4	SW	3	bc	1	52	43	–	*	0·02
	Aberdeen ...	30·11	47	SSW	4	b	30·28	+ ·19	45	42	+ 6	WSW	4	b	2	52	39	b	6·2	–
	Leith	30·18	50	WSW	3	c	30·34	+ ·19	48	46	+ 2	WSW	3	bm	*	54	45	–	*	–
	North Shields ...	30·24	53	SW	2	bc	30·38	+ ·18	46	45	0	SW	2	bmw	2	54	45	b, bc	*	–
GERMANY, &c.	Spurn Head ...	30·32	50	WNW	3	b	30·39	+ ·19	46	45	− 1	WNW	4	bc	2	55	44	b, m	*	–
	Yarmouth ...	30·29	51	NNW	3	bc	30·39	+ ·20	38	37	− 14	NNW	4	f	4	53	35	b, bc	*	0·02
	Nottingham ...	30·36	46	WSW	1	b	30·45	+ ·19	34	34	− 8	N	0	f	*	53	32	bm, b, f	3·1	–
	Oxford	30·40	44	N	2	b	30·49	+ ·19	33	33	− 13	N	0	f	*	54	32	b, m	*	–
	London (Brixton)...	30·33	50	NNE	1	bc	30·42	+ ·17	38	38	− 12	N	0	gf	*	54	38	c, bc, b, f	0·3	–
	The Scaw (Skagen)	30·12	47	WSW	3	m	30·12	− ·14	44	43	− 2	WSW	2	m	0	48	43	–	*	0·08
	Fanö	30·24	45	WNW	2	b	30·26	+ ·01	47	46	+ 3	W	2	c	*	50	44	–	*	0·04
	Cuxhaven ...	30·26	48	S	1	r	30·32	+ ·02	47	45	+ 3	NW	1	c	*	48	44	–	*	0·04
	The Helder ...	30·29	50	N	1	b	30·36	+ ·16	49	48	+ 2	N	1	bc	1	52	46	–	*	0·08
	Brussels	*	*	*	*	*	30·38	+ ·09	46	46	+ 1	NE	1	r	*	53	45	–	*	–
	Berlin	30·28	51	N	0	b	30·29	− ·06	50	49	+ 2	SW	1	0	*	51	48	–	*	–
	Frankfürt ...	30·31	50	NNE	1	0	30·34	+ ·03	49	48	0	ENE	1	0	*	52	?	–	*	–
	Munich	30·30	45	N	0	0	30·32	+ ·01	44	44	− 1	E	2	0	*	46	43	–	*	–
FRANCE.	C. Gris Nez ...	30·18	52	NNE	4	0	30·29	+ ·11	51	49	0	ENE	4	0	4	55	48	–	*	–
	Brest	30·35	49	NE	1	b	30·32	+ ·03	51	50	0	NE	2	0	2	57	46	–	*	–
	Lorient	30·30	55	NE	3	0	30·27	+ ·01	53	53	− 1	NE	3	0	2	55	50	–	*	–
	Rochefort ...	30·21	56	NE	2	0	30·20	− ·02	50	49	− 4	NNE	2	0	*	61	46	0	*	–
	Biarritz	30·24	57	NE	2	b	30·18	− ·07	52	51	− 2	N	0	c	3	61	50	–	*	–
	Paris	30·29	49	N	0	0	30·32	+ ·04	46	46	+ 6	ENE	1	0	*	54	40	–	*	–
	Belfort	30·27	45	ENE	2	m	30·25	− ·02	43	42	− 2	ENE	3	m	*	48	43	–	*	–
	Lyons	30·31	46	NNW	1	0	30·30	− ·02	45	43	+ 3	NW	1	0	*	48	42	–	*	–
	Nice	30·15	59	N	0	b	30·12	− ·03	55	48	− 2	E	2	b	1	70	54	–	*	–
	Perpignan ...	30·18	52	N	0	bc	30·19	− ·02	41	41	− 1	SW	1	b	*	68	40	–	*	–
SPAN. PEN.	Corunna																		*	
	Lisbon	30·13	59	NNW	3	c	30·08	− ·10	55	50	− 3	ENE	3	f	*	64	55	–	*	–
	Azores (P. Delgada)																		*	
	" (Horta) ...	30·19	65	SSW	4	bc	30·14	− ·04	66	63	+ 1	SSE	4	f	3	68	63	–	*	–

NOTE: *The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster: the Sunshine entered to Dungeness is recorded at Littlestone-on-Sea.*

* *Observations for this column not generally received.*

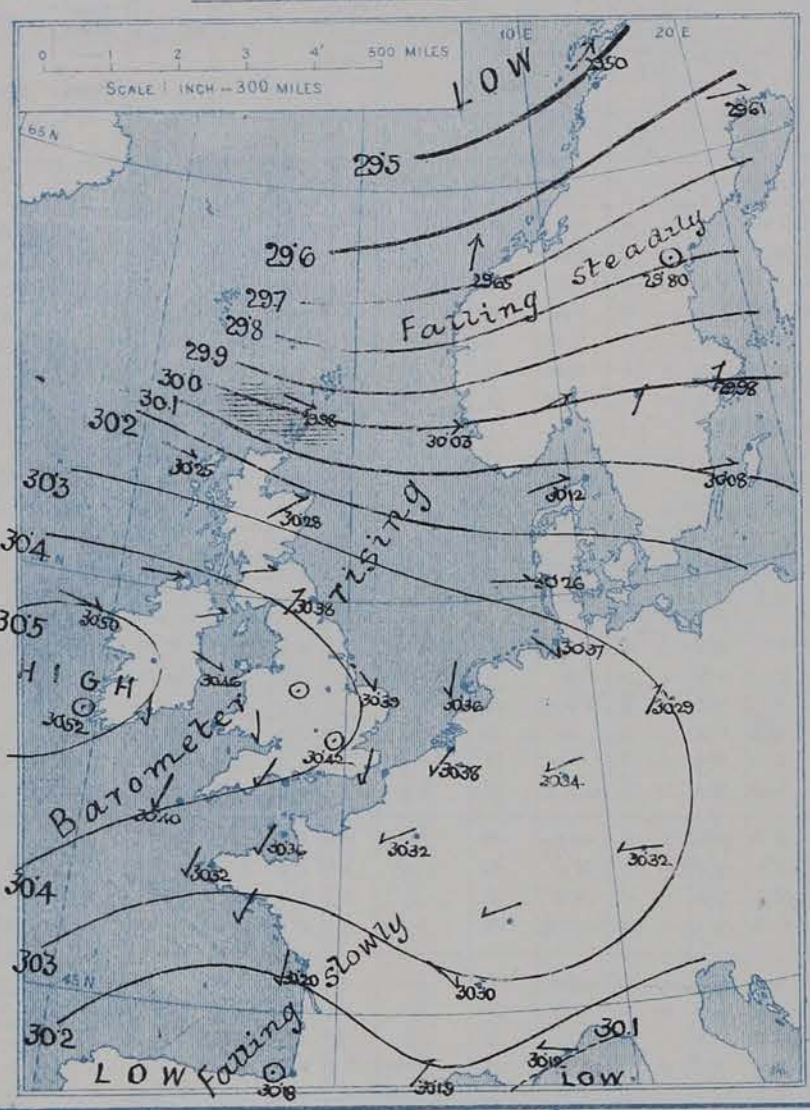
† *Observations received too late for insertion in Charts on next page.*

WEATHER CHARTS

FOR WEDNESDAY, 4TH NOVEMBER, 1903.

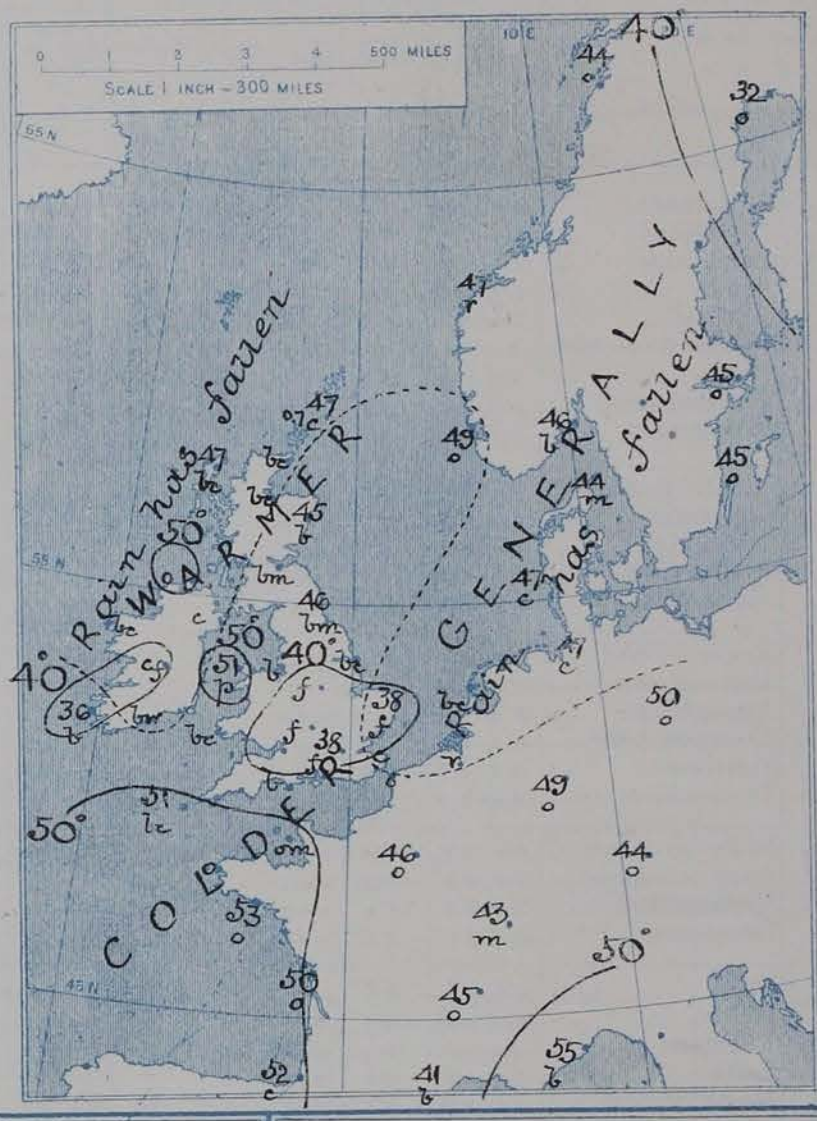
I. BAROMETER, WIND AND SEA. *This Morning.*

BAROMETER.—Isobars are drawn for each tenth of an inch.
WIND.—Arrows show Directions and Force, flying with the wind.
Force above 10 — *Force 5 to 7* — *Force 8 to 10* — *Force 1 to 4* — Calm
SEA.—Rough — *High*



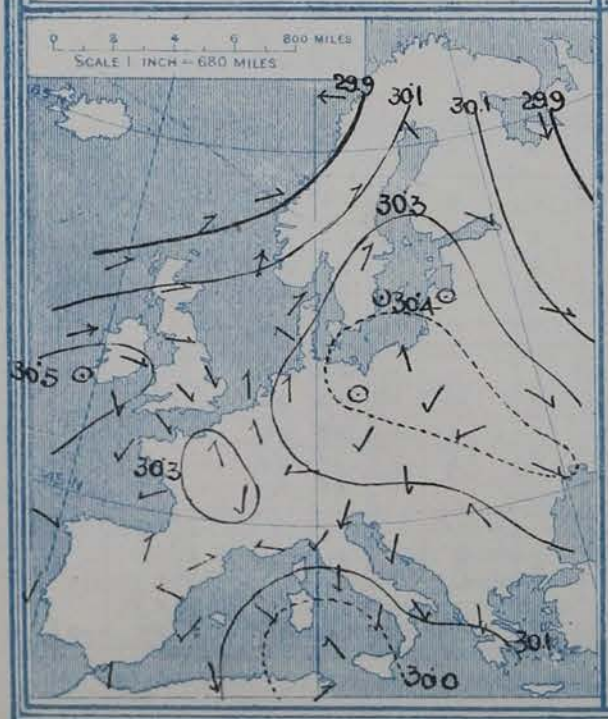
II. TEMPERATURE AND WEATHER. *This Morning.*

TEMPERATURE.—Isotherms are drawn for each 10°.
WEATHER.—Shown by Letters of the Beaufort Scale. *(See P. 4.)*
RAINFALL.—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus – 0·6



III. BAROMETER AND WIND

Yesterday morning.



IV. GREATEST AND LEAST MONTHLY RAINFALL IN NOVEMBER

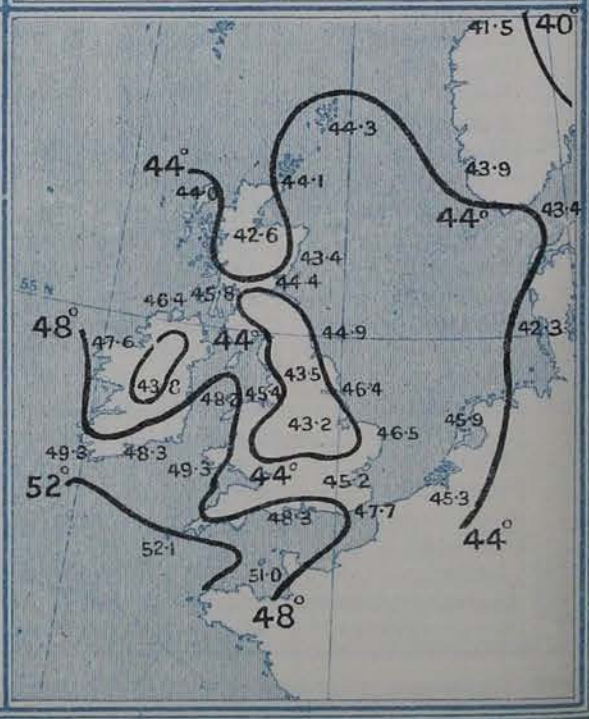
During the 32 Years 1871–1902.

Specimen for LONDON { *Greatest Rainfall* 4·23 (IN 1898) / *Least* ... *Do.* ... 0·43 (IN 1871)

V. *Means of* DAILY TEMPERATURE.

at 8 A.M. *for the Two monthly period*

OCTOBER NOVEMBER (1871–1900.)



GENERAL SITUATION AT 8 A.M.

PRESSURE

The "V-shaped" depression noticed yesterday morning over our western and northern districts moved eastward across Great Britain during the day, but steadily decreased in intensity. The remains of the system are now found over the North Sea, and the barometer is rising over the whole of these Islands and France, a definite anticyclone, with pressures above 30·3 ins., having appeared during the night over our southwestern districts. The barometer is equally high over the Baltic, Germany and the south of Sweden, but a large cyclonic area, in which readings are below 29·8 ins., is lying off the Norwegian coasts, and the mercury is falling over northern Europe generally.

WIND

In Scandinavia and the northern parts of the United Kingdom the wind is governed by the Norwegian depression and is chiefly SW^{ly}.-light or moderate in force generally, but strong in the south of Norway; at Bodö it is strong from the E^{wd}. In the south of our Islands and the west of France the wind is light from the N^{wd} but in the Netherlands and the northeast of France it is S^{ly}, while in Germany and central France it is very variable.

TEMPERATURE

Temperature has fallen over the United Kingdom and France, but remains above the average at most of the west stations, the thermometer being above 50° in the Channel and the Bay of Biscay, and also on some parts of our east coasts. In central France the readings range between 40° and 45°, while in central Ireland and the east of Scotland they are below 40°.

WEATHER AND SEA

The weather has become fine over nearly the whole of these Islands, but remains dull and damp in the east and southeast of England. Cloudy weather is reported at most of the Continental stations, with fog or mist in places, and rain at Bodö and Skudesnaes. The sea is slight or smooth generally, but is moderate off the west of Ireland and the north of Scotland.

During yesterday the thermometer rose to between 50° and 55° in most parts of the United Kingdom, and to 57° at Dungeness & Scilly. At most of our northern and central stations there was a complete absence of bright sunshine; in the eastern part of the Channel the amount varied between 4 & 5 hrs. Rain has again fallen over nearly the whole Kingdom,-rather heavily at some of the English stations.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The anticyclone which has appeared over our western districts is likely to move eastwards or southeastwards. Fine weather is probable over the southern half of the United Kingdom, with a decrease in temperature, and some frost at night. In the northern districts the weather is likely to be affected by cyclonic systems travelling northeastwards from the Atlantic towards the Norwegian coasts.

FORECASTS*

For the 24 hours ending at NOON on 4th November, 1903

DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	SW^{ly} winds, freshening; fair at first, some rain later.
1 SCOTLAND EAST	SW^{ly} winds, light or moderate; fair, cool.
2 ENGLAND N.E.	
3 ENGLAND EAST	Light NW^{ly} to W^{ly} or variable airs; fine generally, colder. Frost and fog in some inland places at night.
4 MIDLAND COUNTIES	
5 ENGLAND SOUTH	
6 SCOTLAND WEST	SW^{ly} winds, fresh or strong; fair at first, showery later.
7 ENGLAND N.W.	Same as Nos 1 & 2
8 ENGLAND S.W	Same as Nos. 3 to 5.
9 IRELAND NORTH	Same as No. 6.
10 IRELAND SOUTH	Variable breezes, finally SW^{ly}, fair generally.
WARNINGS	At 7.10 pm. yesterday to districts 6, 10 and parts of 0 and 9. "Lower Cone."

Note.—The **South Cone**, *point downwards* (▼), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.

The **North Cone**, *point upwards* (▲), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

* *For terms for transmission of Forecasts by Telegraph, see next page.*

ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	Yesterday 6 p.m.					This Morning 8 a.m.									Past 24 Hours.				
	Bar. Ins	Temp.	Wind Direc	Wind Force	Weather.	Barometer. Ins.	Barometer. Change	Temperature Dry.	Temperature Wet.	Temperature Change	Wind Direc	Wind Force	Weather.	Sea.	Temperature Max.	Temperature Min.	Weather	Sunshine. Hrs.	Rainfall Ins.
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	o	*	54	49	c, r	1.3	0.15
Bath	30.08	55	SE	1	o	30.30	+.18	44	43	- 2	N	1	3c	*	56	42	–	0.0	0.39

REPORTS FOR YESTERDAY.

STATIONS.	Temperture F. Max.	Temperture F. Min.	Weather.	Sunshine Hrs.	Rainfall. Ins.	STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Sunshine Hrs.	Rainfall. Ins.
Southport, to 9 p.m.... ...	52°	45°	o, or, o	0.0	0.48	Broadstairs...	*	*	*	1.5	*
Rhyl, to 6 p.m.	*	*	*	0.0	*	Margate	58	47		1.0	
Llandudno	*	*	*	0.0	*	Lowestoft, to 6 p.m.... ...	55	48	o, c	0.0	–
Aberystwyth, to 6 p.m. ...	57	51	or	0.0	0.50	Skegness	*	*	*		*
Plymouth, to 9 p.m.... ...	56	48	fr, op	0.0	0.39	Scarborough, to 6 p.m. ...	52	*	*	0.0	*
Worthing	*	*	*	1.1	*	Harrogate, to 6 p.m. ...	51	45	or	0.0	0.28
Brighton	56	*	*	2.7	*	Manchester, to 9 p.m. ...	53	46	or, p, d	0.0	0.72
Eastbourne, to 6 p.m. ...	56	*	*	4.2	*	Darwen, to 9 p m.	52	44	or, od	0.0	0.56
Hastings	*	*	*	4.8	*	Birmingham, to 9 p.m. ...	50	43	o, r	0.0	0.15

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

STATIONS. 2nd Nov. 1903.	Temperature, F. Max.	Temperature, F. Min.	Weather.	Rain. Ins.	STATIONS.	Temperature, F. Max.	Temperature, F. Min.	Weather.	Rain. Ins.
Copenhagen	50	41	m, f	?	Algiers	70	59	c, o	0.35
Utrecht...	48	45	o, m	0.12	Tunis	Not rec.d			
Groningen	50	39	o, o	–	Madeira (Funchal)	Not rec.d			
Vienna	55	43	o, o	–		1 p.m.	*	1 p.m.	Measured 7 a.m.
Marseilles	66	43	3, o	–	Geneva Obsns. not rec.d		*		
Florence	69	56	3c, 3c	0.08	Berne		*		
Rome	68	56	o, o	0.28	Coire		*		
Naples	66	56	c, c	0.47	Castasegna		*		
Palermo	69	58	o, o	–	Lugano		*		
Malta	68	58	o	0.43	Davos		*		

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

COUNTRIES, &c.	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles, Belgium† ...	8 a.m. (West European)	8 a.m.	6 p.m.‡ (W.E.T.)	6 p.m.‡
Holland	8 a.m. („ „)	8 a.m.	7 p.m. (W.E.T.)	7 p.m.
Germany, Denmark, Norway, Sweden	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
France	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.
Spain	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)	6 p.m.
Portugal	8 a.m. (Lisbon)	8.36 a.m.	3.23 p.m. (Lisbon)	4 p.m.
Azores { Ponta Delgada	6 a.m. (Local)	7.43 a.m.	9 p.m. (Local)	10.43 p.m.
Azores { Horta	6 a.m. (Local)	7.55 a.m.	9 p.m. (Local)	10.55 p.m.

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM, TO-DAY.

3rd Nov. 1903.	Sunrise G.M.T.	Noon G.M.T	Sunset G.M.T.
Yarmouth	6.54	11.37	4.20
Greenwich	6.59	11.44	4.29
Wick	7.35	11.56	4.17
Valencia	7.41	12.25	5.9

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FORECASTS OF WEATHER for one day in advance are drawn up at the Meteorological Office at 11 a.m., and between 7 and 8 p.m. The latest forecast can be had by Reply Telegram, on paying at any Post Office in the United Kingdom **Sixpence in addition to the cost of the inquiry and reply Telegrams.** Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application to the Meteorological Office, 63, Victoria Street, S.W., either personally or by post.

† The evening observations in Belgium are not given on page 1.

‡ At Oxford the observations are taken at 8 p.m.

DAILY WEATHER REPORT

for 8 a.m. on Thursday, 5th November, 1903.

Issued by the METEOROLOGICAL OFFICE, 63, Victoria Street, London. **W. N. SHAW.** *Secretary.*

	STATIONS.	YESTERDAY EVENING. (See note on last page.) Barom. At 32° and M.S.L. Ins.	Temp. Dry Bulb. °	Wind. Direc.	Force (0 to 12.)	Weather	THIS MORNING. (See note on last page.) Barometer. At 32° Fahr. and M. S. L. Ins.	Change since Yesterday. Ins.	Temperature. Dry Bulb. °	Wet Bulb. °	Change since Yesterday. °	Wind. Direc.	Force (0 to 12.)	Weather	Sea (0 to 9.)	PAST 24 HOURS. Temp. Max. °	Min. °	Weather	Sunshine. Hours.	Rainfall. Ins.
SCANDINAVIA.	Haparanda ...	29.51	38	W	2	b	29.66	+.05	36	27	+ 4	NW	2	c	*	36	27	–	*	–
	Hernösand ...	29.75	39	N	2	b	29.94	+.14	40	36	+ 6	NW	4	b	*	45	32	–	*	–
	Stockholm ...	29.86	47	SW	4	b	30.02	+.04	39	36	– 6	W	2	b	*	48	37	–	*	–
	Wisby	30.03	46	W	4	c	30.04	–.04	44	42	– 1	N	4	b	*	46	39	–	*	–
	Karlstad	29.97	43	Z	0	b	30.17	+.16	37	34	– 3	NW	2	b	*	*	*	–	*	–
	Færder (X'iania Fjord)	30.01	47	W	5	b	30.24	+.24	45	41	– 1	W	2	bc	2	48	43	–	*	–
	Bodö	29.67	42	SW	4	r	29.87	+.37	38	35	– 6	W	6	o	3	44	34	–	*	0.20
	Christiansund ...	29.99	42	WSW	5	r	30.16	+.51	43	41	– 4	WSW	6	o	5	47	41	–	*	0.63
	Skudesnaes ...	29.86	45	NW	6	c	30.37	+.34	47	45	– 2	NNW	4	o	2	49	43	cr	*	*
BRITISH ISLANDS.	Sumburgh Head	30.25	46	WNW	4	o	30.28	+.30	49	46	+ 2	WNW	5	o	5	50	45	o	*	0.02
	Stornoway ...	30.41	50	WSW	2	o	30.41	+.16	50	47	+ 3	SW	3	o	3	52	45	o	0.4	–
	Malin Head ...	30.53	50	SW	2	c	30.56	+.14	43	42	– 8	SSW	2	b	2	53	42	bc,c	*	–
	Blacksod Pt. ...	30.56	47	W	2	b	30.57	+.07	44	43	– 3	SSE	1	b	2	54	41	b	*	0.01
	Valencia	30.56	46	ENE	1	b	30.56	+.04	36	35	0	NE	1	b	3	55	35	b	6.8	–
	Roche's Point ...	30.56	46	NNE	1	b	30.59	+.09	41	41	– 3	NNE	1	bm	1	54	39	b	*	0.02
	Parsonstown ...	30.56	45	E	2	b	30.62	+.09	28	27	– 9	E	1	b	*	52	26	b	3.0	–
	Donaghadee ...	30.53	47	W	1	b	30.61	+.15	39	38	– 8	WSW	1	b	1	54	35	b,f	*	–
	Liverpool Obsy.	30.55	47	NW	1	b	30.64	+.18	39	39	– 7	SE	1	f	?	52	39	b,f	*	0.02
	Holyhead ...	30.54	52	NE	2	b	30.61	+.14	44	44	– 7	Z	0	f	0	53	42	b	*	–
	Pembroke (St. Ann's)	30.53	49	NNE	4	b	30.59	+.13	43	43	– 1	NE	2	bm	2	55	42	–	6.3	–
	Scilly (St. Mary's)...	30.45	51	NE	4	b	30.50	+.10	50	46	– 1	ENE	3	bc	3	53	46	bc,b	7.6	–
	Jersey (St. Aubins)...	30.40	52	NE	4	cm	30.48	+.12	51	49	– 1	ENE	4	bm	3	56	49	c,cm	1.7	–
	Portland Bill ...	30.47	48	NE	2	bm	30.57	+.16	42	41	– 2	NE	3	cw	2	53	41	bm	*	–
	Dungeness ...	30.44	46	NNE	1	bc	30.55	+.16	50	47	+ 7	NNE	1	bcw	1	52	41	bc	4.8	0.01
	Wick	30.34	48	NW	3	o	30.39	+.22	48	46	+ 1	NW	3	c	1	52	44	–	*	0.05
	Nairn	30.44	48	SW	1	c	30.45	+.20	48	45	0	SW	3	c	1	52	43	–	*	–
	Aberdeen ...	30.45	48	WSW	3	o	30.51	+.23	39	38	– 6	WSW	1	bcm	2	53	39	bc,o	6.0	–
	Leith	30.45	51	WSW	2	bc	30.55	+.21	44	43	– 4	WSW	1	cm	*	56	38	–	*	–
	North Shields ...	30.44	50	WSW	2	bc	30.60	+.22	40	39	– 6	WSW	2	bcm	2	55	39	bm,bc	*	–
GERMANY, &c.	Spurn Head ...	30.49	49	NW	3	b	30.60	+.21	43	43	– 3	NW	2	mw	2	52	42	–	*	–
	Yarmouth ...	30.42	50	NNW	2	bm	30.57	+.18	43	41	+ 5	N	3	bcf	3	53	?38	b,bm	*	0.01
	Nottingham ...	30.51	46	NW	1	b	30.64	+.19	33	33	– 1	Z	0	f	*	52	31	b	0.8	–
	Oxford	30.54	43	N	1	c	30.66	+.17	36	36	+ 3	N	1	f	*	52	33	f,c,m	*	–
	London (Brixton)...	30.47	49	NE	1	bc	30.58	+.16	43	43	+ 5	NE	1	ogm	*	52	36	f,bcm,b	1.0	–
	The Scaw (Skagen)	30.09	49	NW	5	b	30.26	+.14	47	42	+ 3	NNW	4	bc	1	52	44	–	*	–
	Fanö	30.33	48	WNW	4	b	30.41	+.15	44	42	– 3	WNW	2	b	*	52	43	–	*	–
	Cuxhaven ...	30.32	48	W	2	bc	30.44	+.12	48	46	+ 1	NW	3	c	*	52	46	–	*	–
	The Helder ...	30.43	50	N	1	bc	30.54	+.18	49	47	0	N	1	b	1	52	48	–	*	–
	Brussels	*	*	*	*	*	30.58	+.20	41	41	– 5	ENE	1	f	*	51	39	–	*	–
	Berlin	30.34	47	Z	0	c	30.38	+.09	45	44	– 5	W	2	c	*	52	43	–	*	–
	Frankfürt ...	30.40	49	N	4	o	30.51	+.17	44	42	– 5	N	4	o	*	52	44	–	*	–
	Munich	30.34	43	NE	3	o	30.41	+.09	42	42	– 2	Z	0	r	*	46	41	–	*	0.04
FRANCE.	C. Gris Nez ...	30.41	51	NE	3	c	30.50	+.21	46	45	– 5	E	3	o	3	55	43	–	*	–
	Brest	30.37	52	NE	3	c	30.41	+.09	47	45	– 4	NE	3	b	2	54	46	–	*	–
	Lorient	30.33	53	ENE	4	o	30.39	+.12	46	46	– 7	E	4	c	3	55	45	–	*	–
	Rochefort ...	30.22	51	NE	4	o	?30.29	+.09	50	47	0	ENE	5	o	*	63	46	o	*	–
	Biarritz	30.19	55	Z	0	o	30.22	+.04	51	50	– 1	ESE	2	o	2	57	50	–	*	–
	Paris	30.36	50	NNE	3	o	30.46	+.14	42	41	– 4	NNE	3	b	*	53	42	–	*	–
	Belfort	30.29	43	ENE	6	f	30.33	+.08	45	44	+ 2	ENE	5	m	*	45	43	–	*	–
	Lyons	30.31	45	NW	1	o	30.36	+.06	44	42	– 1	NE	1	o	*	47	43	–	*	–
	Nice	30.14	56	Z	0	b	30.17	+.05	53	49	– 2	E	1	b	2	66	50	–	*	–
	Perpignan ...	30.17	50	Z	0	b	30.21	+.02	48	47	+ 7	SW	1	o	*	63	41	–	*	–
SPAN. PEN.	Corunna																		*	
	Lisbon														*				*	
	Azores (P. Delgada)																		*	
	" (Horta) ...	29.91	66	S	7	r	29.80	–.34	64	63	– 2	SW	3	o	4	68	63	–	*	1.26

NOTE · *The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster; the Sunshine entered to Dungeness is recorded at Littlestone-on-Sea.*

* *Observations for this column not generally received.*

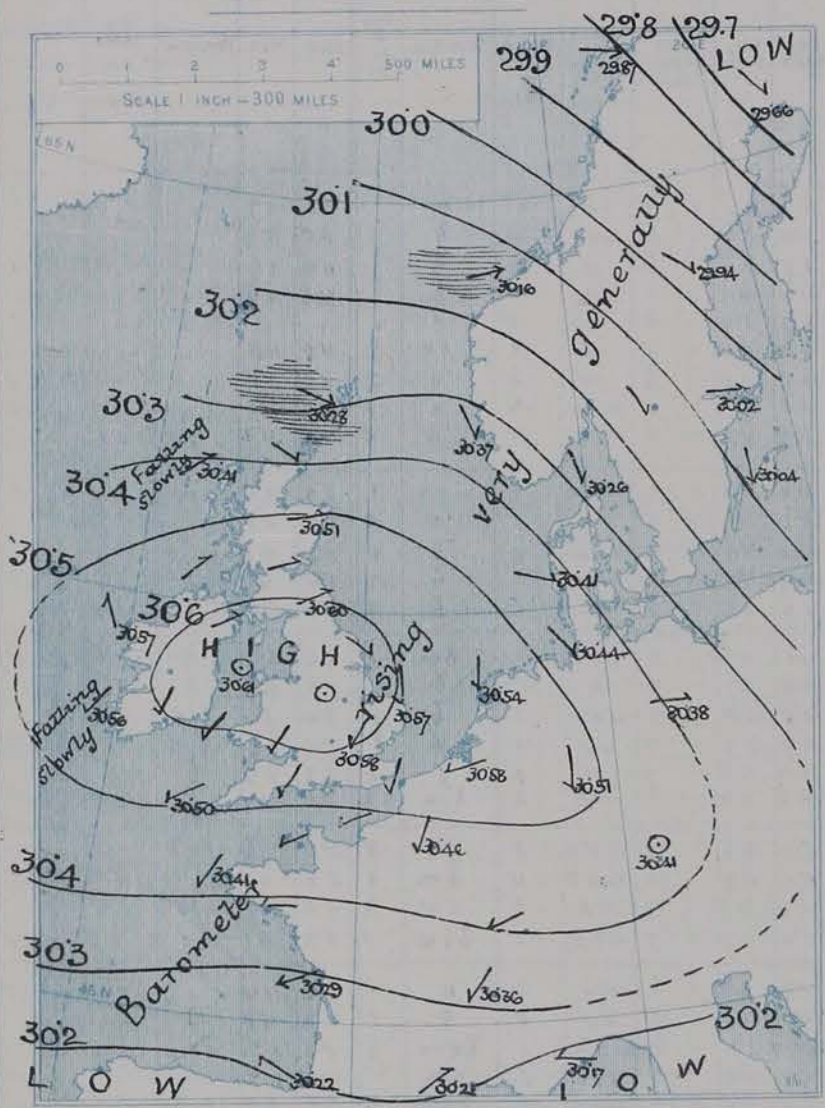
† *Observations received too late for insertion in Charts on next page.*

WEATHER CHARTS

FOR *Thursday, 5th November.* 1903.

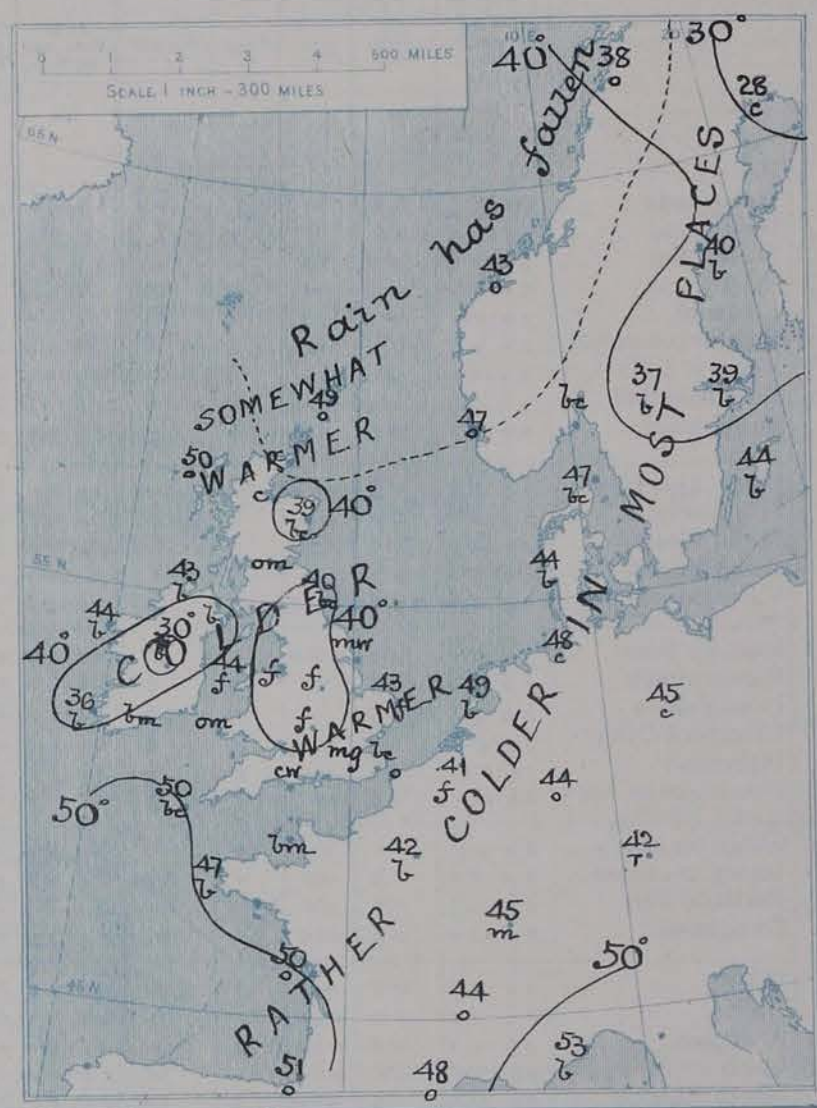
I. BAROMETER, WIND AND SEA. *This Morning.*

BAROMETER.—Isobars are drawn for each tenth of an inch.
WIND.—Arrows show Directions and Force, flying with the wind.
Force above 10 — *Force 8 to 10* — *Force 5 to 7* — *Force 1 to 4* — Calm
SEA.—Rough — *High*



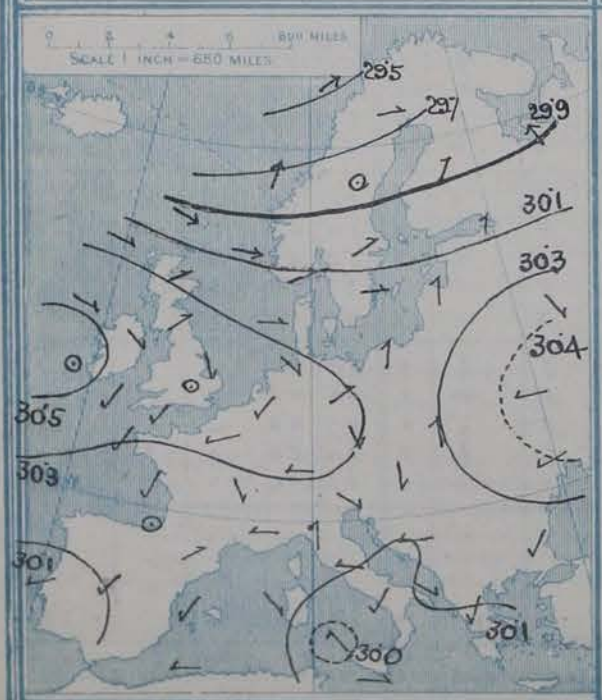
II. TEMPERATURE AND WEATHER. *This Morning.*

TEMPERATURE.—Isotherms are drawn for each 10°.
WEATHER.—Shown by Letters of the Beaufort Scale. *(See P. 4.)*
RAINFALL.—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0·6



III. BAROMETER AND WIND

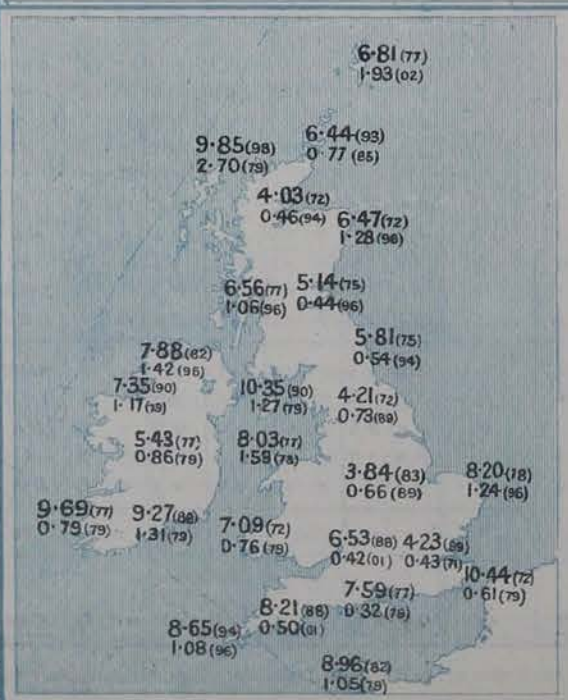
Yesterday morning.



IV. GREATEST AND LEAST MONTHLY RAINFALL IN NOVEMBER

During the 32 Years 1871–1902.

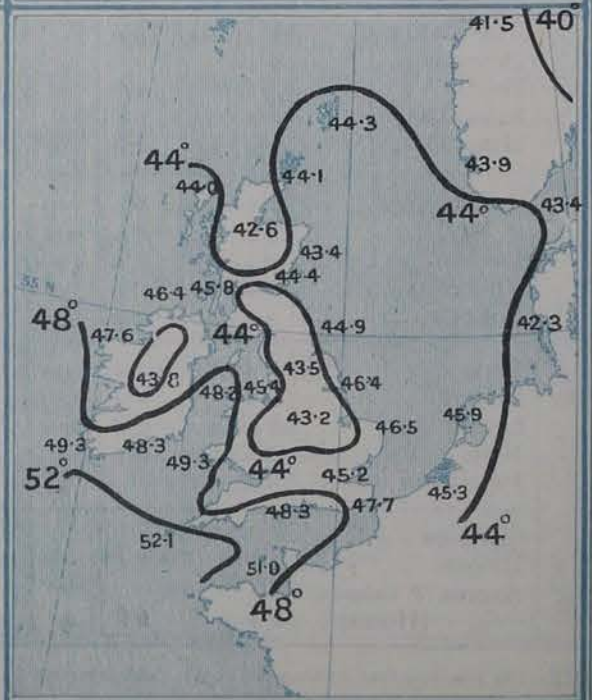
Specimen for LONDON { *Greatest Rainfall* 4·23 (in 1899); *Least ... Do.* 0·43 (in 1871)



V. *Means of* DAILY TEMPERATURE.

at 8 A.M. *for the Two monthly period*

OCTOBER NOVEMBER (1871–1900.)



GENERAL SITUATION AT 8 A.M.

PRESSURE

The anticyclone noticed yesterday has increased both in size and intensity, and now covers nearly the whole of these Islands, the Netherlands, Germany and the north and east of France. In the south of Ireland the barometer is above 30·5 ins., and over the United Kingdom generally it continues to rise. A depression off the Norwegian coasts is causing a fall of the barometer over the whole of Scandinavia, the lowest reading reported being 29·50 ins. at Bodö; and over the west of Norway, the gradient for W^ly winds is rather steep. A slight decrease of pressure is in progress in the west and south of France.

WIND

The wind is light to moderate from the W^wd or SW^wd over the northern parts of the United Kingdom, and strong from the same quarters on the Norwegian coasts. Over the south of our Islands and the neighbouring parts of the Continent it is light from the N^wd or NE^wd, while in Germany and the south of France it is very variable.

TEMPERATURE

Temperature has risen in Scotland and the north of Ireland, but has fallen in most other parts of our area. Over the eastern and central parts of England the fall has been very decided, the readings in those districts, 32° to 38°, being now considerably below the average. Over the northern half of the Kingdom the readings are above 45°, and are slightly above the normal. At 8am Malin Head was 18° warmer than Bath, and Nairn and Leith 16° warmer.

WEATHER AND SEA

Fog prevails over eastern and central England, and also over central Ireland, but in other parts of the United Kingdom the weather is at present fine. At most of the Continental stations the sky is cloudy, with rain at Brussels and also at Christiansund. The sea is slight or smooth generally, but rather rough at Sumburgh Head.

Little or no bright sunshine was recorded yesterday in the south and east of England, but at many of the western and northern stations the amount was considerable,- between 7 and 8 hours in several places, and as much as 8·5 hours at Rhyl. Frost occurred last night over the inland parts of England; at Oxford the thermometer on the grass fell to 24°, and in London to 29°.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The anticyclone appears to be fairly well established, and will probably continue to dominate the weather for the next two or three days. W^ly winds are probable in the north, but NE^ly winds in the south; and, as pressure is now decreasing over the Bay of Biscay, the latter current is likely to freshen somewhat over the English Channel.

FORECASTS*

For the 24 hours ending at NOON on 5th November, 1903

DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	W^ly winds, moderate or fresh; fair at first, some showers later.
1 SCOTLAND EAST	W^ly winds, light; fair generally, frost inland at night.
2 ENGLAND N.E.	
3 ENGLAND EAST	N^ly to NE^ly winds, light or moderate, fine generally, but foggy at night, with frost in inland places.
4 MIDLAND COUNTIES	
5 ENGLAND SOUTH	
6 SCOTLAND WEST	W^ly winds, light or moderate; fair generally
7 ENGLAND N.W.	Light variable airs; fine generally, but foggy at night, with frost in inland places.
8 ENGLAND S.W	NE^ly winds, moderate or fresh; fair generally.
9 IRELAND NORTH	Same as No. 6.
10 IRELAND SOUTH	NE^ly winds, light; fine generally, frost inland at night.
WARNINGS	None issued

Note.—The **South Cone**, *point downwards* (▼), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.

The **North Cone**, *point upwards* (▲), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

* *For terms for transmission of Forecasts by Telegraph, see next page.*

ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	Yesterday 6 p.m.					This Morning 8 a.m.									Past 24 Hours.				
	Bar. Ins.	Temp. °	Wind Direc^n	Wind Force	Weather	Barometer. Ins.	Barometer. Change	Temperature Dry.	Temperature Wet.	Temperature Change	Wind Direc^n	Wind Force	Weather.	Sea.	Temperature Max.	Temperature Min.	Weather	Sunshine. Hrs.	Rainfall Ins.
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	mw	*	52	38	bc,c	0·5	–
Bath	30·36	45	N	1	b	30·46	+·16	32	32	–12	N	1	bc	*	55	31	–	7·0	–

REPORTS FOR YESTERDAY.

STATIONS.	Temperture F. Max.	Temperture F. Min.	Weather.	Sunshine Hrs.	Rainfall. Ins.	STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Sunshine Hrs.	Rainfall. Ins.
Southport, to 9 p.m.... ...	53	47	o, b	7·9	0·01	Broadstairs...	*	*	*	0·0	*
Rhyl, to 6 p.m.	*	*	*	8·5	*	Margate	53	49	*	0·0	*
Llandudno	*	*	*	7·3	*	Lowestoft, to 6 p.m.... ...	53	45	or, c	2·2	0·24
Aberystwyth, to 6 p.m. ...	52	44	bc	7·0	–	Skegness	*	*	*	7·4	*
Plymouth, to 9 p.m.... ...	55	44	bc	6·7	–	Scarborough, to 6 p.m. ...	54	*	*	7·3	*
Worthing	*	*	*	0·0	*	Harrogate, to 6 p.m. ...	54	41	r, bv	8·0	0·11
Brighton	54	*	*	0·0	*	Manchester, to 9 p.m. ...	53	41	w, bc, m	1·3	0·02
Eastbourne, to 6 p.m. ...	56	*	*	0·0	*	Darwen, to 9 p.m.	50	42	od, bc, brw	5·5	0·05
Hastings	*	*	*	0·0	*	Birmingham, to 9 p.m. ...	52	43	b, c, b	4·5	0·07

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

STATIONS. 3rd Novr 1903.	Temperature, F. Max.	Temperature, F. Min.	Weather.	Rain. Ins.	STATIONS.	Temperature, F. Max.	Temperature, F. Min.	Weather.	Rain. Ins.
Copenhagen	48	45	o, m	–	Algiers	75	63	o, o	–
Utrecht...	50	39	c, c	–	Tunis	Not	rec^d		
Groningen	54	39	o, m	–	Madeira (Funchal)	Not	rec^d		
Vienna	57	43	o, f	–	2nd Nov. 1903.	1 p.m.	*	1 p.m.	Measured 7 a.m.
Marseilles	66	46	b, c	–	Geneva	50	*	o	–
Florence	69	56	b, b	0·51	Berne	45	*	o	0·04
Rome	70	57	f, o	–	Coire	57	*	b	–
Naples	66	55	c, o	–	Castasegna	54	*	o	0·04
Palermo	75	59	o, o	–	Lugano	59	*	o	0·28
Malta	68	58	c	0·43	Davos	48	*	b	–

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

COUNTRIES, &c.	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles, Belgium† ...	8 a.m. (West European)	8 a.m.	6 p.m.‡ (W.E.T.)	6 p.m.
Holland	8 a.m. („ „)	8 a.m.	7 p.m. (W.E.T.)	7 p.m.
Germany, Denmark, Norway, Sweden	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
France	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.
Spain	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)	6 p.m.
Portugal	8 a.m. (Lisbon)	8.36 a.m.	3.23 p.m. (Lisbon)	4 p.m.
Azores { Ponta Delgada	6 a.m. (Local)	7.43 a.m.	9 p.m. (Local)	10.43 p.m.
Azores { Horta	6 a.m. (Local)	7.55 a.m.	9 p.m. (Local)	10.55 p.m.

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM, TO-DAY.

4th Nov^r, 1903.	Sunrise G.M.T.	Noon G.M.T	Sunset G.M.T.
Yarmouth	6·56	11·37	4·18
Greenwich	7·1	11·44	4·27
Wick	7·38	11·56	4·14
Valencia	7·43	1225	5·7

SUBSCRIPTIONS both for the Daily *and* Weekly Weather Reports *may be paid, in advance, to the* Meteorological Office.

TERMS: For Daily Weather Report, forwarded by Book Post, £1 0 0 per annum.
„ Weekly „ „ „ £1 10 0 „ Single Copies, 6d.

Single Copies of the Daily Weather Report (price 1d.) may be obtained after 3 p.m. on the day of issue at the Meteorological Office, and at Messrs. W. H. SMITH & SONS' Bookstalls at the following terminus Railway Stations:—Victoria, Charing Cross, King's Cross, St. Pancras, Euston.

FORECASTS OF WEATHER for one day in advance are drawn up at the Meteorological Office at 11 a.m., and between 7 and 8 p.m. The latest forecast can be had by Reply Telegram, on paying at any Post Office in the United Kingdom **Sixpence in addition to the cost of the inquiry and reply Telegrams.** Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application to the Meteorological Office, 63, Victoria Street, S.W., either personally or by post.

† The evening observations in Belgium are not given on page 1.

‡ At Oxford the observations are taken at 8 p.m.

DAILY WEATHER REPORT

for 8 a.m. on Friday, 6th November, 1903.

Issued by the METEOROLOGICAL OFFICE, 63, Victoria Street, London. W. N. SHAW, *Secretary.*

	STATIONS.	YESTERDAY EVENING. (See note on last page.) Barom. At 32° and M.S.L. Ins.	Temp. Dry Bulb. °	Wind. Direc.	Wind. Force (0 to 12.)	Weather	THIS MORNING. (See note on last page.) Barometer. At 32° Fahr. and M.S.L. Ins.	Barometer. Change since Yesterday. Ins.	Temperature. Dry Bulb. °	Temperature. Wet Bulb. °	Temperature. Change since Yesterday. °	Wind. Direc.	Wind. Force (0 to 12.)	Weather	Sea (0 to 9.)	PAST 24 HOURS. Temp. Max. °	Temp. Min. °	Weather	Sunshine. Hours.	Rainfall. Ins.
SCANDINAVIA.	Haparanda ...	29.80	23	N	0	b	29.83	+.17	21	20	− 7	N	0	c	*	36	21	–	*	–
	Hernösand ...	29.98	38	N	0	0	29.90	−.04	43	40	+ 3	N	0	0	*	43	34	–	*	–
	Stockholm ...	30.20	37	N	0	b	30.01	−.01	39	38	0	W	2	0	*	48	36	–	*	–
	Wisby	30.17	43	N	6	b	30.07	+.03	43	41	− 1	W	4	bc	*	46	41	–	*	–
	Karlstad	30.17	39	N	0	b	30.08	−.09	39	38	+ 2	N	0	c	*	*	*	–	*	–
	Færder (X'tania Fjord)	30.21	46	SW	5	0	30.12	−.12	46	45	+ 1	W	2	c	3	46	35	–	*	–
	Bodö	29.78	36	NW	4	0	29.85	−.02	42	39	+ 4	W	6	0	3	42	34	–	*	0.20
	Christiansund ...	30.02	48	WSW	5	r	30.06	−.10	48	48	+ 5	W	5	r	5	48	43	–	*	1.10
	Skudesnaes ...	30.37	49	NW	4	r	30.35	−.02	49	48	+ 2	NW	6	0	4	50	46	0, r	*	*
BRITISH ISLANDS.	Sumburgh Head	30.28	50	W	4	c	30.35	+.07	50	47	+ 1	W	5	0	6	51	48	c	*	–
	Stornoway ...	30.42	50	WSW	4	0	30.46	+.05	47	45	− 3	SW	2	c	2	52	44	0	0.3	–
	Malin Head ...	30.54	46	S	2	b	30.51	−.05	43	41	0	SE	2	b	1	51	41	b	*	–
	Blacksod Pt. ...	30.52	46	ESE	2	bm	30.46	−.11	44	42	0	SE	3	bm	3	53	42	b, bmp	*	0.01
	Valencia	30.47	51	E	2	bm	30.40	−.16	50	45	+ 14	E	3	bc	3	56	36	b, bm	7.3	–
	Roche's Point ...	30.53	48	E	2	b	30.45	−.14	53	48	+ 12	ESE	5	0	3	53	40	b	*	–
	Parsonstown ...	30.50	43	E	2	b	30.50	−.12	43	41	+ 15	SE	3	bc	*	52	?28	b	6.0	–
	Donaghadee ...	30.59	48	SW	1	m	30.55	−.06	46	45	+ 7	SW	1	om	2	54	37	–	*	–
	Liverpool Obsy.	30.62	40	SE	1	m	30.61	−.03	34	34	− 5	ESE	2	f	?	44	34	f, m	*	–
	Holyhead ...	30.58	47	SE	1	bc	30.56	−.05	39	38	− 5	SE	1	f	1	52	38	bc	*	–
	Pembroke (St. Ann's)	30.55	47	NE	3	b	30.49	−.10	49	47	+ 6	SE	5	c	4	52	42	–	7.2	–
	Scilly (St. Mary's)...	30.44	52	E	5	c	30.38	−.12	50	47	0	E	6	c	3	53	46	bc, c	5.3	–
	Jersey (St. Aubins)...	30.47	50	ENE	5	bm	30.45	−.03	47	44	− 4	E	5	bm	4	55	44	b, bm	7.8	–
	Portland Bill ...	30.51	52	E	4	bc	30.49	−.08	51	48	+ 9	ESE	5	c	3	53	?42	b, bc	*	–
	Dungeness ...	30.55	52	E	3	bc	30.55	.00	50	47	0	E	4	bw	2	54	48	bc	2.1	–
	Wick	30.43	48	NW	3	c	30.46	+.07	47	44	− 1	NW	3	bc	0	51	43	–	*	–
	Nairn	30.46	46	SW	1	bc	30.50	+.05	40	38	− 8	SW	1	b	1	53	39	–	*	–
	Aberdeen ...	30.51	41	SSE	2	m	30.55	+.04	33	32	− 6	WNW	2	bm	2	54	33	b, m	4.5	–
	Leith	30.53	48	WSW	1	b	30.55	.00	40	40	− 4	WSW	1	bcm	*	52	39	–	*	–
	North Shields ...	30.58	46	WSW	2	bc	30.56	−.04	38	37	− 2	WSW	2	bm	2	54	36	b, bc	*	–
GERMANY, &c.	Spurn Head ...	30.60	48	NW	2	b	30.57	−.03	43	42	0	WNW	3	f	2	52	40	b, f	*	0.01
	Yarmouth ...	30.56	51	NNW	2	b	30.57	.00	40	39	− 3	NNW	3	f	3	52	36	b	*	0.01
	Nottingham ...	30.62	36	N	0	b	30.61	−.03	30	30	− 3	N	0	f	*	48	29	b, f	0.0	–
	Oxford	30.63	40	N	1	0	30.60	−.06	39	39	+ 3	NNE	1	of	*	45	36	f, bc, o	*	–
	London (Brixton)...	30.57	48	NE	2	b	30.56	−.02	48	46	+ 5	E	1	ogm	*	53	43	cm, b	1.1	–
	The Scaw (Skagen)	30.26	50	NW	5	0	30.15	−.11	50	48	+ 3	NW	5	c	1	50	46	–	*	–
	Fanö	30.46	48	NW	2	c	30.41	.00	50	46	+ 6	NW	5	0	*	52	44	–	*	–
	Cuxhaven ...	30.52	50	NW	1	0	30.47	+.03	49	47	+ 1	NW	2	c	*	52	46	–	*	–
	The Helder ...	30.58	49	N	1	b	30.54	.00	51	47	+ 2	NNW	1	c		54	45	–	*	–
	Brussels	*	*	*	*	*	30.61	+.03	34	34	− 7	N	0	f	*	53	52	–	*	–
	Berlin	30.45	44	W	2	c	30.42	+.04	46	44	+ 1	W	2	0	*	50	43	–	*	–
	Frankfürt ...	30.58	43	NE	1	c	30.57	+.06	40	39	− 4	E	1	c	*	52	40	–	*	–
	Munich	30.50	40	E	2	b	30.51	+.10	33	33	− 9	E	2	b	*	45	30	–	*	–
FRANCE.	C. Gris Nez ...	30.52	46	ENE	3	c	30.52	+.02	42	41	− 4	E	3	b		54	39	–	*	–
	Brest	30.38	49	E	2	b	30.31	−.10	42	40	− 5	E	4	b		57	41	–	*	–
	Lorient	30.34	52	E	5	c	30.32	−.07	44	44	− 2	E	5	b	2	55	43	–	*	–
	Rochefort ...	30.23	50	ENE	4	b	30.23	−.06	44	43	− 6	ENE	5	b	*	54	41	0, b	*	–
	Biarritz	30.21	61	ENE	3	0	30.20	−.02	47	46	− 4	ESE	4	b	1	61	45	–	*	–
	Paris	30.49	45	NE	2	b	30.48	+.02	36	36	− 6	NE	3	b	*	53	36	–	*	–
	Belfort	30.38	45	ENE	7	bc	30.43	+.10	37	35	− 8	ENE	6	m	*	50	35	–	*	–
	Lyons	30.37	45	N	1	0	30.42	+.06	42	41	− 2	NE	1	m	*	46	41	–	*	–
	Nice	30.15	56	N	0	b	30.27	+.10	50	47	− 3	E	1	b	3	56	50	–	*	–
	Perpignan ...	30.21	58	N	0	b	30.30	+.09	41	41	− 7	SE	1	b	*	62	39	–	*	–
SPAN. PEN.	Corunna																		*	
	Lisbon														*				*	
	Azores (P. Delgada)	29.83	64	WNW	4	b	29.80	−.11	61	55	− 6	WNW	5	b	5	70	57	–	*	0.04
	" (Horta) ...	29.80	62	W	4	b	29.83	+.03	57	52	− 7	W	3	bc	3	68	55	–	*	0.16

NOTE: *The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster: the Sunshine entered to Dungeness is recorded at Littlestone-on-Sea.*

* *Observations for this column not generally received.*

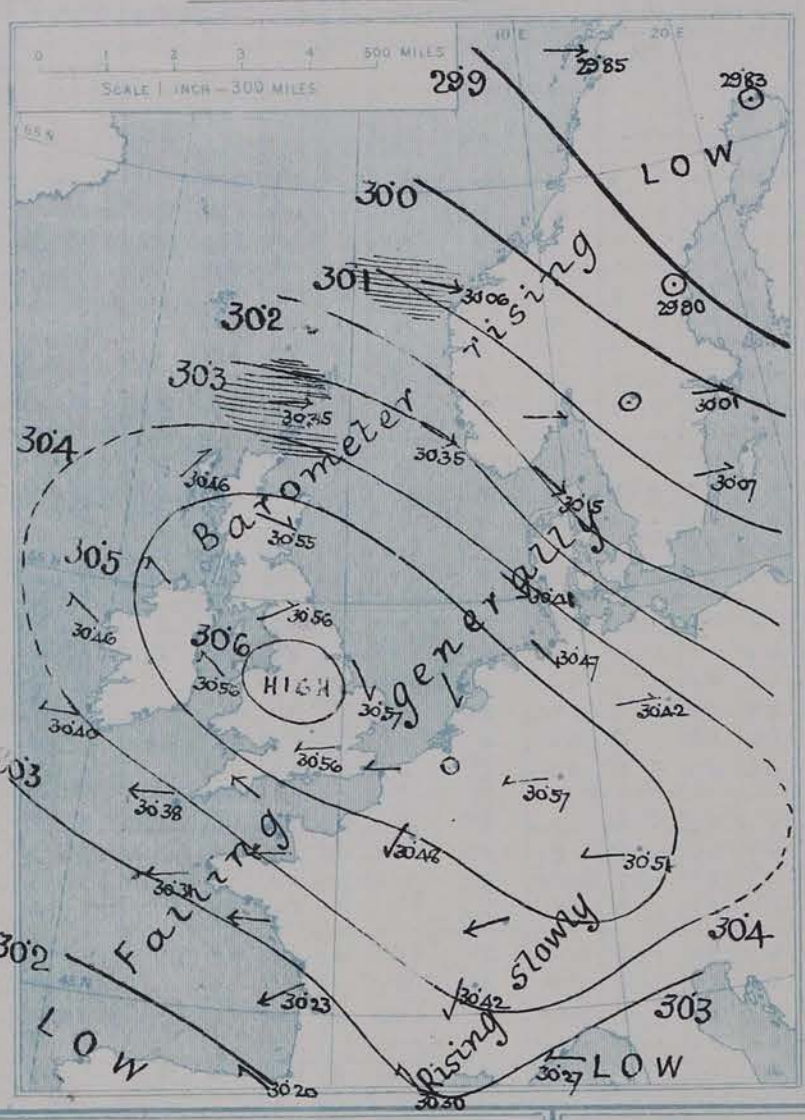
† *Observations received too late for insertion in Charts on next page.*

WEATHER CHARTS

FOR Friday, 6th November, 1903.

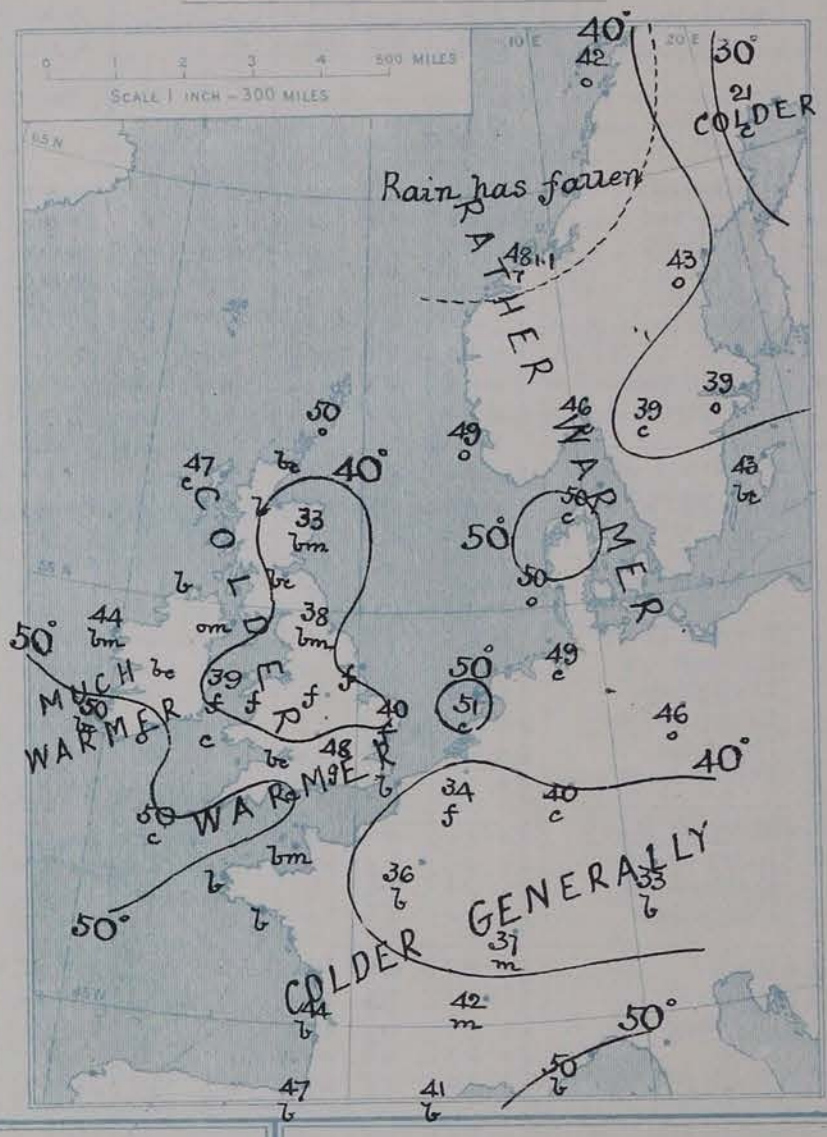
I. BAROMETER, WIND AND SEA. *This Morning.*

BAROMETER.—Isobars are drawn for each tenth of an inch.
WIND.—Arrows show Directions and Force, flying with the wind.
Force above 10 — *Force 5 to 7* — } Calm ⊙
Force 8 to 10 — *Force 1 to 4* —
SEA.—Rough *High.*



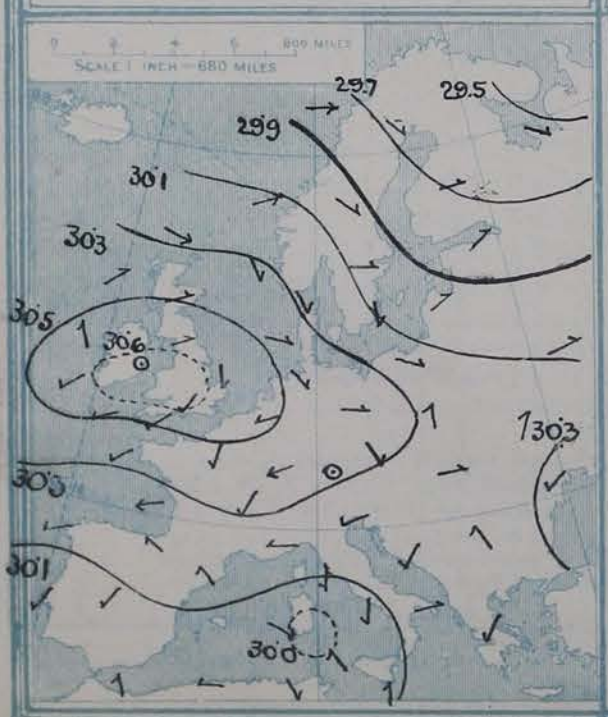
II. TEMPERATURE AND WEATHER. *This Morning.*

TEMPERATURE.—Isotherms are drawn for each 10°
WEATHER.—Shown by Letters of the Beaufort Scale. *(See P. 4.)*
RAINFALL.—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus – 0·6



III. BAROMETER AND WIND

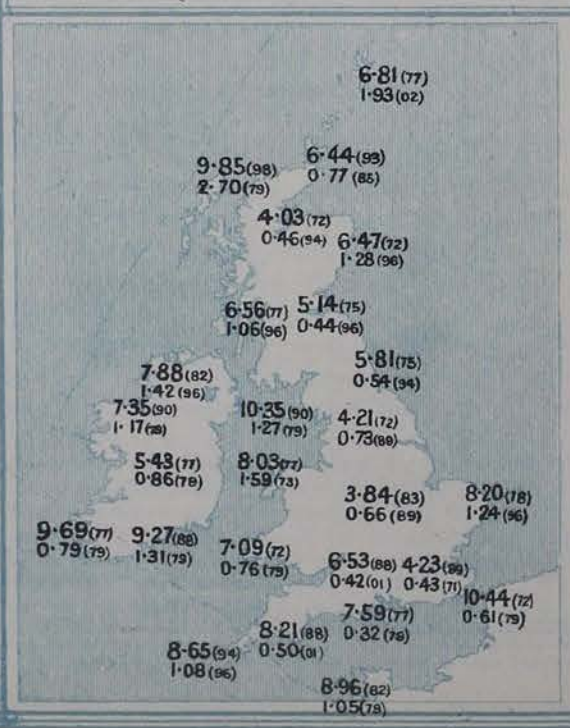
Yesterday morning.



IV. GREATEST AND LEAST MONTHLY RAINFALL IN NOVEMBER

During the 32 Years 1871–1902.

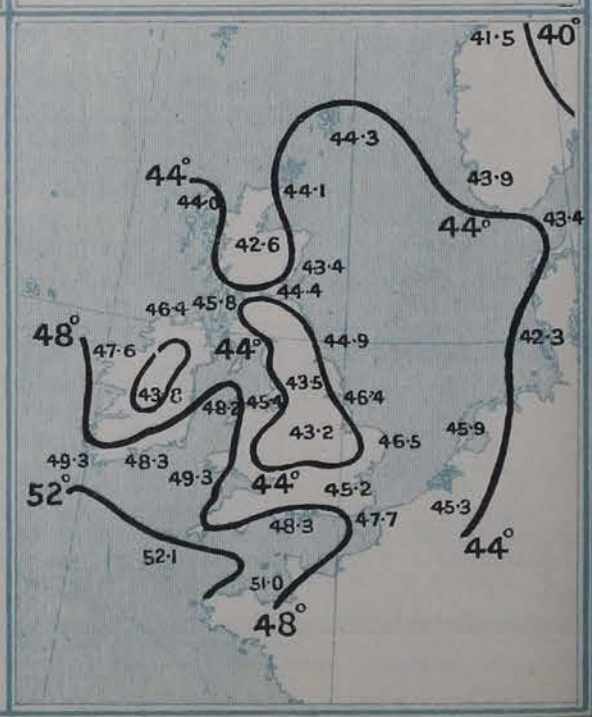
Specimen for LONDON { *Greatest Rainfall* 4·23 (IN 1898) / *Least ... Do.* 0·43 (IN 1871)



V. *Means of* DAILY TEMPERATURE.

at 8 A.M. for the Two monthly period

OCTOBER NOVEMBER (1871–1900.)



GENERAL SITUATION AT 8 A.M.

PRESSURE

The anticyclone has now extended over nearly the whole of western Europe, its central area, with pressures exceeding 30·6 ins, being situated over the northern and central parts of England and Ireland. The barometer continues to rise in most places, but is inclined to fall on our extreme western coasts. The lowest readings, 29·7 and less, are reported over Lapland, and over Scandinavia and Denmark there is a moderate gradient for NW^ly winds. Elsewhere the gradients are slight.

WIND

The wind shows a complete anticyclonic circulation. Over the northern parts of the United Kingdom generally it is light from the SW^wd, but in Caithness and the Shetlands it is moderate from the W^wd, and in the west of Norway strong from the same quarter. In Sweden, Denmark and north Germany it is light to moderate from the NW, while in France and the south of our Islands it is NE^ly.

TEMPERATURE

The extension of the anticyclone has been followed by a decrease of temperature in most places, but in the north of Scotland and the southeast of England the thermometer has risen.

WEATHER AND SEA

Excepting in the south of France, the highest readings over our area are at present found over the English Channel and the north of Scotland, where the thermometer stands a trifle above or below 50°. Over western and central England the readings are below 40°, while in central Ireland they are below the freezing point. Fog prevails at many of the English stations but in most other parts of western Europe the weather is fair. Dull skies are however reported in the Hebrides, the Shetlands and the west of Norway, and also in the south of France. The sea is slight or smooth generally, but rather rough at Sumburgh Head and Christiansünd.

No rain fell in these Islands yesterday, excepting in the extreme north of Scotland, but in some places a measurable quantity of moisture was deposited by dew or wet fog. Frost occurred at night over the central parts of Ireland and England; at Parsonstown the thermometer fell to 26°. In London the minimum on the grass was 29°.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

No material change in the weather is anticipated within the ensuing 24 hours. The anticyclone is, however, inclined to give way, and the reports received yesterday and today from the Azores show that a depression is passing those islands and is apparently moving NE^wds. It seems not improbable that this disturbance will begin to affect the weather in our own western and northern districts in the course of the next 48 hours.

FORECASTS*

For the 24 hours ending at NOON on 6th November, 1903

DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	SW^ly winds, moderate or fresh; fair at first, some rain later.
1 SCOTLAND EAST	W^ly and SW^ly winds, light; fair, cool, mist or fog in places.
2 ENGLAND N.E.	
3 ENGLAND EAST	Light breezes, chiefly NE^ly; misty or foggy in most places, with frost at night.
4 MIDLAND COUNTIES	
5 ENGLAND SOUTH	
6 SCOTLAND WEST	S^ly and SW^ly winds, light or moderate; fair generally, warmer
7 ENGLAND N.W.	Light variable airs; foggy at first, then fair.
8 ENGLAND S.W	E^ly and NE^ly winds light; fair generally, but some mist or fog.
9 IRELAND NORTH	Same as No. 6
10 IRELAND SOUTH	NE^ly to SE^ly winds, light; fair generally.
WARNINGS	None issued.

Note.—The **South Cone**, *point downwards* (▼), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.

The **North Cone**, *point upwards* (▲), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

* *For terms for transmission of Forecasts by Telegraph; see next page.*

ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	Yesterday 6 p.m.					This Morning 8 a.m.									Past 24 Hours.				
	Bar. Ins.	Temp. °	Wind Direc^n	Wind Force	Weather.	Barometer. Ins.	Barometer. Change	Temperature Dry.	Temperature Wet.	Temperature Change	Wind Direc^n	Wind Force	Weather.	Sea.	Temperature Max.	Temperature Min.	Weather	Sunshine. Hrs.	Rainfall Ins.
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	bcw	*	52	39	b	7·2	–
Bath	30·50	44	N	1	c	30·61	+·15	37	37	+5	NE	1	bc	*	53	32	–	3·3	–

REPORTS FOR YESTERDAY.

STATIONS.	Temperture F. Max.	Temperture F. Min.	Weather.	Sunshine Hrs.	Rainfall. Ins.	STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Sunshine Hrs.	Rainfall. Ins.
Southport, to 9 p.m.... ...	54°	43°	b, c	6·3	–	Broadstairs...	*	*	*	4·6	*
Rhyl, to 6 p.m.	*	*	*	5·6	*	Margate	53	48	b, c	4·0	0·01
Llandudno	*	*	*	4·1	*	Lowestoft, to 6 p.m.... ...	52	35	bc, m, b	5·0	–
Aberystwyth, to 6 p.m. ...	52	44	c	6·0	–	Skegness	*	*	*	7·3	*
Plymouth, to 9 p.m.... ...	53	39	bc, b	7·1	–	Scarborough, to 6 p.m. ...	53	*	*	0·0	*
Worthing	*	*	*	6·5	*	Harrogate, to 6 p.m. ...	55	40	bw, b	7·0	–
Brighton	53	*	*	6·5	*	Manchester, to 9 p.m. ...	52	40	w, omg, f	0·0	–
Eastbourne, to 6 p.m. ...	52	*	*	5·7	*	Darwen, to 9 p.m.	51	40	bc, bmw	3·0	–
Hastings	*	*	*	5·4	*	Birmingham, to 9 p.m. ...	50	38	b, c, b	2·2	–

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

STATIONS. 4th Novr 1903.	Temperature, F. Max.	Temperature, F. Min.	Weather	Rain. Ins.	STATIONS.	Temperature, F. Max.	Temperature, F. Min.	Weather.	Rain. Ins.
Copenhagen	48	43	m, f	0·04	Algiers	70	61	o, c	0·08
Utrecht...	52	39	+, f	0·04	Tunis	Not	rec^d.		
Groningen	53	37	o, f	0·04	Madeira (Funchal)... ...	Not	rec^d.		
Vienna	50	43	f, f	–	3rd Novr 1903	1 p.m.	*	1 p.m.	Measured 7 a.m.
Marseilles	70	46	b, b	–	Geneva	48	*	o	–
Florence	68	49	b, b	–	Berne	45	*	m	–
Rome	69	51	c, c	–	Coire	54	*	b	–
Naples	67	54	c, c	–	Castasegna	57	*	bc	0·04
Palermo	70	56	o, o	0·08	Lugano	57	*	b	–
Malta	66	57	c	0·55	Davos	50	*	b	–

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy), o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

COUNTRIES, &c.	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles, Belgium† ...	8 a.m. (West European)	8 a.m.	6 p.m.‡ (W.E.T.)	6 p.m.
Holland	8 a.m. („ „)	8 a.m.	7 p.m. (W.E.T.)	7 p.m.
Germany, Denmark, Norway, Sweden	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
France	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.
Spain	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)	6 p.m.
Portugal	8 a.m. (Lisbon)	8.36 a.m.	3.23 p.m. (Lisbon)	4 p.m.
Azores { Ponta Delgada	6 a.m. (Local)	7.43 a.m.	9 p.m. (Local)	10.43 p.m.
Azores { Horta	6 a.m. (Local)	7.55 a.m.	9 p.m. (Local)	10.55 p.m.

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM, TO-DAY.

5th Novr 1903.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	6.58	11.37	4.16
Greenwich	7.3	11.44	4.25
Wick	7.40	11.56	4.12
Valencia	7.45	12.25	5.5.

SUBSCRIPTIONS both for the Daily *and* Weekly Weather Reports *may be paid, in advance, to the* Meteorological Office.

TERMS: For Daily Weather Report, forwarded by Book Post, £1 0 0 per annum.
„ Weekly „ „ „ £1 10 0 „ Single Copies, 6d.

Single Copies of the Daily Weather Report (price 1d.) may be obtained after 3 p.m. on the day of issue at the Meteorological Office, and at Messrs. W. H. SMITH & SONS' Bookstalls at the following terminus Railway Stations:—Victoria, Charing Cross, King's Cross, St. Pancras, Euston.

FORECASTS OF WEATHER for one day in advance are drawn up at the Meteorological Office at 11 a.m., and between 7 and 8 p.m. The latest forecast can be had by Reply Telegram, on paying at any Post Office in the United Kingdom **Sixpence in addition to the cost of the inquiry and reply Telegrams.** Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application to the Meteorological Office, 63, Victoria Street, S.W., either personally or by post.

† The evening observations in Belgium are not given on page 1.

‡ At Oxford the observations are taken at 8 p.m.

DAILY WEATHER REPORT

for 8 a.m. on Saturday, 7th November, 1903.

Issued by the METEOROLOGICAL OFFICE, 63, Victoria Street, London. W. N. SHAW, *Secretary.*

	STATIONS.	YESTERDAY EVENING. (See note on last page.) Barom. At 32° and M.S.L. Ins.	Temp. Dry Bulb. °	Wind. Direc.	Wind. Force (0 to 12.)	Weather	THIS MORNING. (See note on last page.) Barometer. At 32° Fahr. and M.S.L. Ins.	Change since Yesterday. Ins.	Temperature. Dry Bulb. °	Wet Bulb. °	Change since Yesterday. °	Wind. Direc.	Wind. Force (0 to 12.)	Weather	Sea (0 to 9.)	PAST 24 HOURS. Temp. Max. °	Temp. Min. °	Weather	Sunshine. Hours.	Rainfall. Ins.
SCANDINAVIA.	Haparanda ...	29.83	28	N	0	bc	29.68	−.15	34	32	+13	SW	2	c	*	34	16	–	*	–
	Hernösand ...	30.02	40	N	0	0	30.04	+.14	45	41	+2	W	4	b	*	46	34	–	*	–
	Stockholm ...	30.12	39	N	0	b	30.20	+.19	41	39	+2	W	2	b	*	46	36	–	*	–
	Wisby	30.12	45	N	2	b	30.21	+.14	44	42	+1	N	0	b	*	46	37	–	*	–
	Karlstad	30.20	43	N	0	c	30.28	+.20	39	37	0	E	2	b	*	*	*	–	*	–
	Færder (X'iania Fjord)	30.20	48	W	1	c	30.29	+.17	43	40	−3	W	2	b	2	52	41	–	*	–
	Bodö	29.84	42	? W	4	0	29.65	−.20	46	43	+4	SW	7	r	5	46	34	–	*	0.12
	Christiansund ...	30.23	48	WSW	8	r	30.17	+.11	49	44	+1	SW	9	c	6	49	46	–	*	1.50
	Skudesnaes ...	30.46	48	NNW	2	0	30.48	+.13	46	45	−3	N	2	c	2	49	43	o,r	*	*
BRITISH ISLANDS.	Sumburgh Head	30.40	48	W	4	0	30.34	−.01	48	47	−2	W	3	o	5	50	46	o	*	–
	Stornoway ...	30.44	45	WSW	2	c	30.36	−.10	48	44	+1	WSW	4	ou	4	52	43	bc,c	4.9	–
	Malin Head ...	30.49	43	S	1	bm	30.44	−.07	44	42	+1	S	3	om	1	50	39	b,bm	*	–
	Blacksod Pt. ...	30.44	43	N	0	bm	30.40	−.06	46	44	+2	SE	3	bm	3	50	41	bm	*	–
	Valencia	30.38	51	E	4	cm	30.36	−.04	48	45	−2	ESE	2	c	3	54	48	c,cm	6.5	–
	Roche's Point ...	30.42	52	SSE	4	0	30.41	−.04	52	48	−1	SSE	3	o	3	53	51	o	*	–
	Parsonstown ...	30.47	46	SE	2	c	30.43	−.07	45	44	+2	E	2	bc	*	50	43	bc,b	4.9	–
	Donaghadee ...	30.52	50	SE	2	c	30.49	−.06	46	45	0	SW	1	o	0	52	41	–	*	–
	Liverpool Obsy.	30.54	39	SE	2	m	30.53	−.08	38	37	+4	SE	2	b	?	42	34	m,f	*	–
	Holyhead ...	30.50	47	N	0	b	30.48	−.08	40	39	+1	S	1	bm	0	52	38	bc,b	*	–
	Pembroke (St. Ann's)	30.46	50	ESE	5	c	30.46	−.03	49	48	0	ESE	5	ogmu	4	52	46	–	6.1	–
	Scilly (St. Mary's)...	30.34	52	ESE	6	c	30.36	−.02	51	48	+1	ESE	5	c	4	54	47	c	6.4	–
	Jersey (St. Aubins)...	30.41	49	E	4	bm	30.43	−.02	46	44	−1	E	4	bm	3	53	44	b,bm	7.9	–
	Portland Bill ...	30.44	50	ESE	5	bc	30.44	−.05	50	48	−1	ESE	5	bc	4	53	49	bc	*	–
	Dungeness ...	30.51	51	E	4	c	30.53	−.02	48	44	−2	E	4	bc	2	53	47	bc,c	7.8	–
	Wick	30.47	45	NW	1	b	30.37	−.09	31	31	−16	NW	1	b	0	50	30	–	*	–
	Nairn	30.48	39	N	0	bc	30.42	−.08	34	32	−6	WSW	2	b	1	51	26	–	*	–
	Aberdeen ...	30.52	36	WSW	2	b	30.44	−.11	28	28	−5	WNW	3	bm	2	46	27	b	2.6	–
	Leith	30.52	42	W	1	m	30.48	−.07	35	33	−5	WSW	1	bm	*	47	29	–	*	–
	North Shields ...	30.52	47	N	0	om	30.51	−.05	33	32	−5	SW	2	f	2	51	32	m,cm	*	–
	Spurn Head ...	30.54	48	WNW	2	b	30.55	−.02	42	42	−1	WNW	2	f	2	51	37	–	*	0.02
	Yarmouth ...	30.54	47	NNW	2	m	30.52	−.05	35	34	−5	WNW	2	f	2	50	33	b,f	*	0.01
	Nottingham ...	30.57	35	N	0	m	30.56	−.05	30	?30	0	N	0	f	*	44	28	b,f	1.8	–
	Oxford	30.55	38	NE	1	b	30.57	−.03	33	32	−6	N	0	of	*	52	31	b,cf	*	–
	London (Brixton)...	30.52	48	SE	1	bm	30.52	−.04	43	42	−5	N	0	ogf	*	54	36	cm,b	1.3	–
GERMANY, &c.	The Scaw (Skagen)	30.25	48	NW	2	bc	30.32	+.17	47	46	−3	N	1	bc	0	52	46	–	*	–
	Fanö	30.40	48	NW	6	c	30.43	+.02	48	46	−2	NW	2	o	*	52	46	–	*	–
	Cuxhaven ...	30.45	50	NW	3	o	30.47	.00	50	47	+1	NNW	1	o	*	52	46	–	*	–
	The Helder ...	30.52	50	NNW	1	c	30.52	−.02	50	46	−1	NNW	1	c	1	52	45	–	*	–
	Brussels	*	*	*	*	*	30.56	−.05	42	40	+8	NE	2	c	*	52	34	–	*	–
	Berlin	30.35	49	W	3	o	30.38	−.04	47	46	+1	WNW	1	o	*	52	45	–	*	–
	Frankfürt ...	30.53	47	ENE	1	o	30.53	−.04	47	43	+7	N	1	o	*	50	?	–	*	–
	Munich	30.51	36	N	0	b	30.50	−.01	35	35	+2	SW	2	o	*	43	32	–	*	–
FRANCE.	C. Gris Nez ...	30.48	45	E	3	b	30.49	−.03	40	38	−2	E	3	b	2	52	37	–	*	–
	Brest	30.32	50	E	3	b	30.33	+.02	42	34	0	NE	2	b	3	55	37	–	*	–
	Lorient	30.32	50	E	5	b	30.32	.00	43	43	−1	E	4	b	2	55	43	–	*	–
	Rochefort ...	30.25	51	ENE	4	b	30.28	+.05	46	44	+2	E	3	b	*	59	41	b	*	–
	Biarritz	30.23	59	ESE	3	bc	30.26	+.06	55	50	+8	ESE	2	b	0	64	47	–	*	–
	Paris	30.47	44	NE	2	b	30.47	−.01	33	33	−3	NE	2	b	*	54	33	–	*	–
	Belfort	30.40	33	ENE	4	m	30.45	+.02	32	31	−5	ENE	5	m	*	49	31	–	*	–
	Lyons	30.42	44	N	1	b	30.47	+.05	31	31	−11	N	1	f	*	52	30	–	*	–
	Nice	30.28	55	N	0	b	30.32	+.05	47	46	−3	N	0	b	2	64	46	–	*	–
	Perpignan ...	30.32	50	N	0	b	30.33	+.03	45	45	+4	SW	1	o	*	60	39	–	*	–
SPAN. PEN.	Corunna																		*	
	Lisbon	30.08	60	ESE	3	0	30.13	+.07	60	59	+3	E	3	o	*	66	59	–	*	–
	Azores (P. Delgada)																		*	–
	" (Horta) ...	29.88	57	NW	4	0	29.82	−.01	61	57	+4	NW	5	c	3	63	54	–	*	0.

NOTE: *The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster: the Sunshine entered to Dungeness is recorded at Littlestone-on-Sea.*

* *Observations for this column not generally received.*

† *Observations received too late for insertion in Charts on next page.*

WEATHER CHARTS

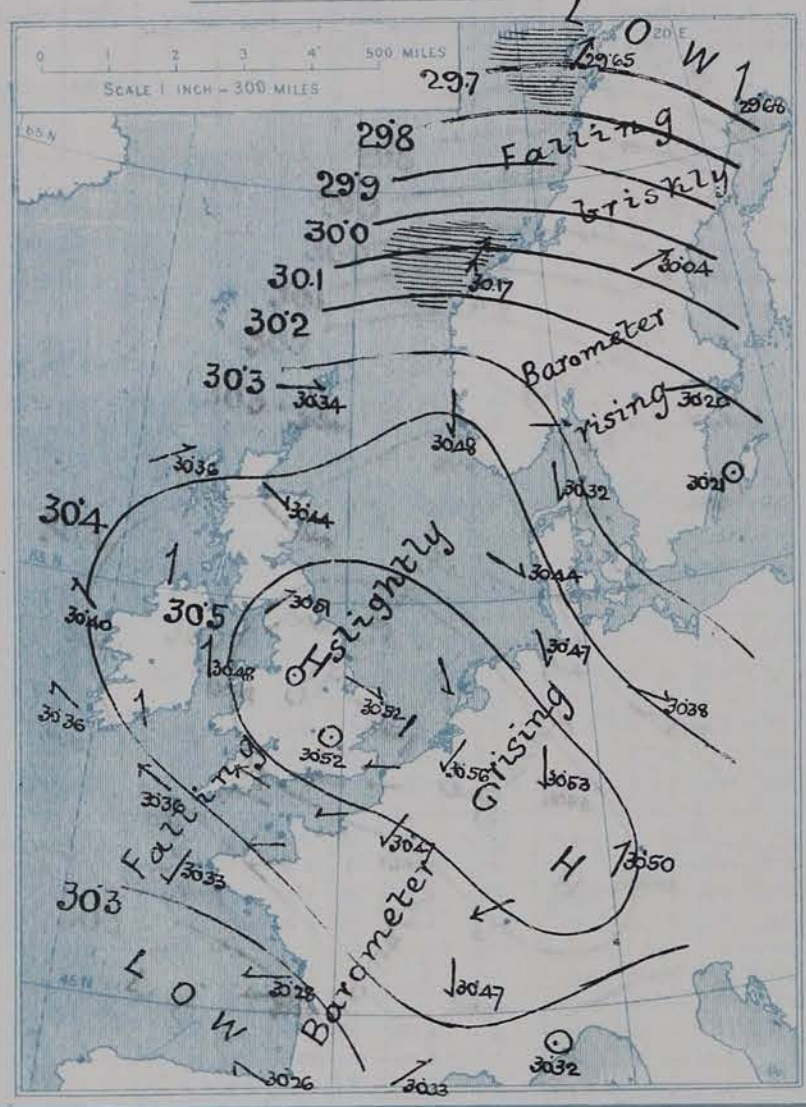
FOR Saturday, 7th November, 1903.

I. BAROMETER, WIND AND SEA. *This Morning.*

BAROMETER.—Isobars are drawn for each tenth of an inch.
WIND.—Arrows show Directions and Force, flying with the wind.

Force above 10 ⟶ : *Force 5 to 7* ⟶ : } Calm ⊙
Force 8 to 10 ⟶ : *Force 1 to 4* ⟶ :

SEA.—Rough *High*



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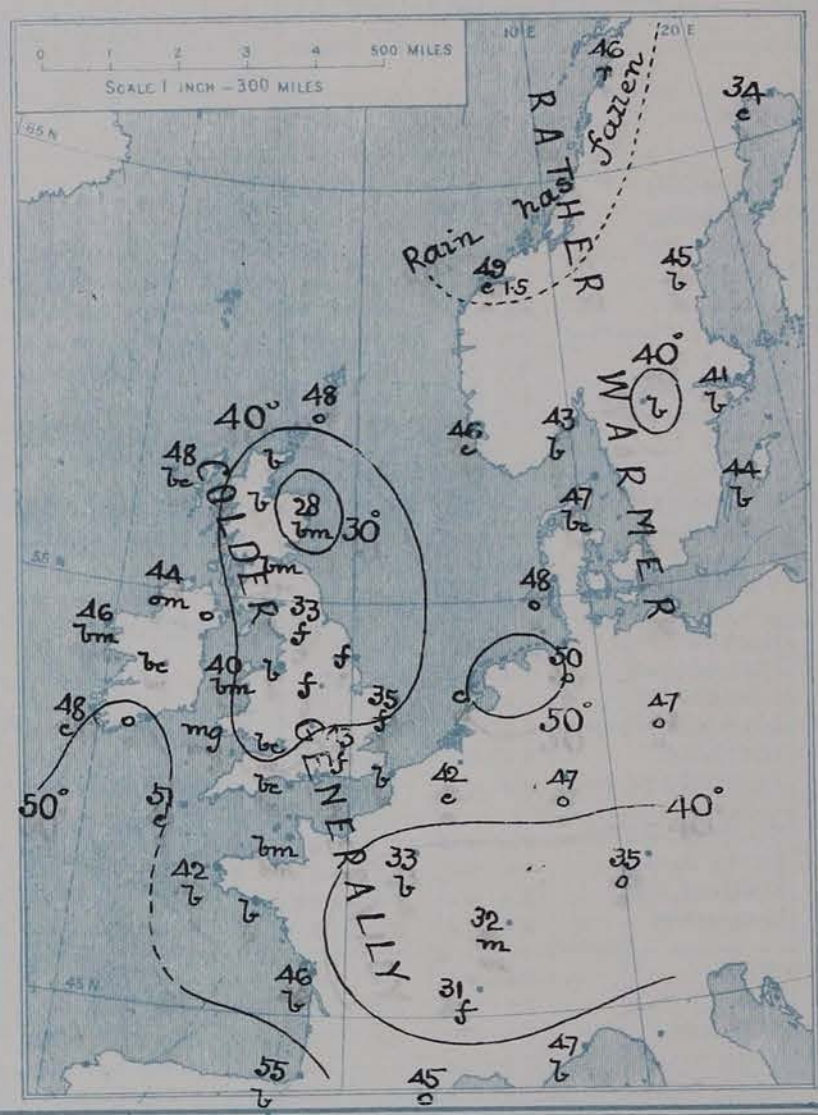
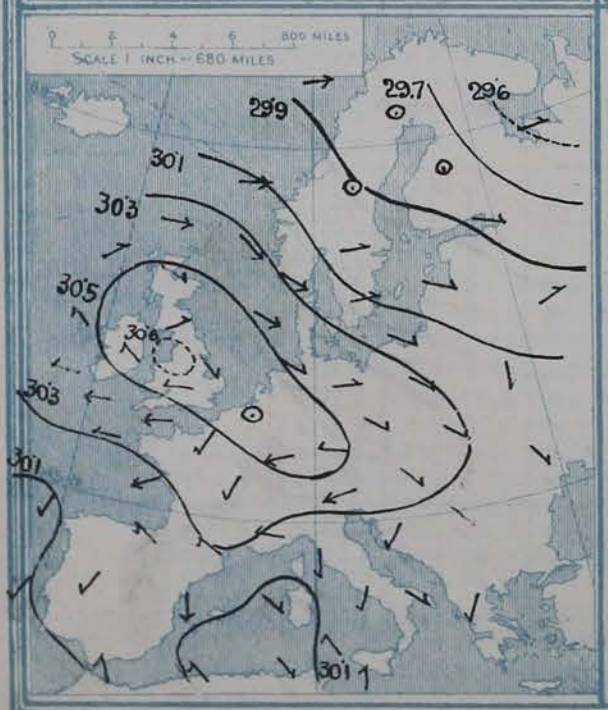
TEMPERATURE.—Isotherms are drawn for each 10°.
WEATHER.—Shown by Letters of the Beaufort Scale. *(See P. 4.)*

RAINFALL.— *A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus – 0·6*



III. BAROMETER AND WIND

Yesterday morning.



IV. GREATEST AND LEAST MONTHLY RAINFALL IN NOVEMBER

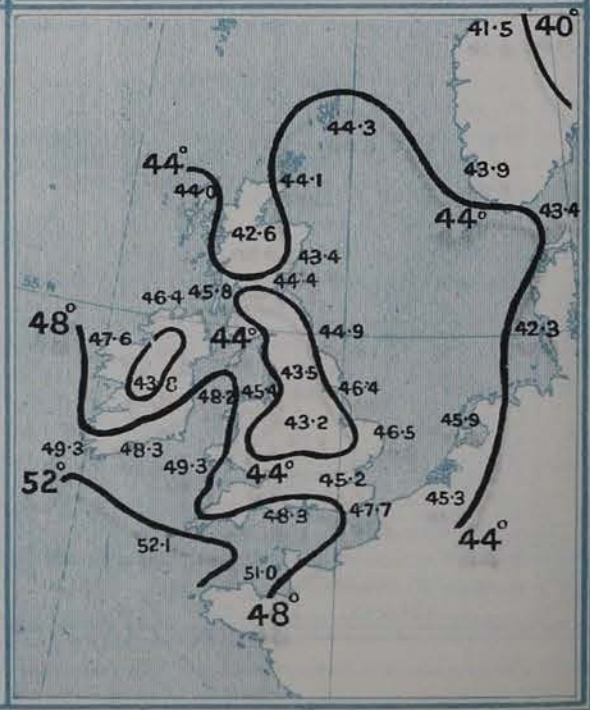
During the 32 Years 1871–1902.

Specimen for LONDON { *Greatest Rainfall* 4·23 (in 1898) / *Least ... Do.* 0·43 (in 1871)

V. *Means of* DAILY TEMPERATURE.

at 8 A.M. *for the Two monthly period*

OCTOBER NOVEMBER (1871–1900.)



GENERAL SITUATION AT 8 A.M.

PRESSURE

An anticyclone still covers the greater part of Western Europe, the central portion of the system, with readings 30·6 ins, being at present situated over central England. The entire area is, however, inclined to move slowly eastward and to disperse, and the barometer is falling at all but the most northern stations in these Islands and Scandinavia. The lowest pressures, 29·9 ins. and less, are reported in the northern part of Sweden and Norway; over Denmark and the south of Norway, a moderate gradient for NW^ly winds exists.

WIND

The wind is E^ly over France and the English Channel, and SE^ly on our western coasts; in the extreme southwest it is increasing in force, and at Scilly it already blows strongly. On our north and east coasts it is light from the W^wd; while on the eastern shores of the North Sea it is moderate or strong from the NW^wd.

TEMPERATURE

Temperature has fallen in the northern and central parts of Great Britain, and also in France and Germany but has risen elsewhere. In the south of Ireland the rise has been considerable, and on our south and southwest coasts, where the thermometer stands at or a trifle above 50°, the readings are slightly above the average. In the eastern and central parts of Great Britain and France the readings are in most cases below 40°, the lowest reported being 30° at Nottingham and 33° at Aberdeen.

WEATHER AND SEA

Fog is again reported over the greater part of England, but over western Europe generally the weather is fine. In Scandinavia, Denmark, and north Germany the sky is cloudy, with rain at Christiansund. The sea is slight or smooth generally, but rough off the Shetlands and the west of Norway.

During yesterday the thermometer rose to 50° and upwards over the greater part of the United Kingdom and to 56° at Valencia. The amount of bright sunshine was rather considerable, excepting in a few places where the weather continued foggy all day. No rain fell in any part of our area excepting the west of Norway, but at one or two stations a considerable quantity of moisture was deposited by dew or wet fog.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The anticyclone will probably continue to move slowly eastwards. There are some indications of the advance of a low pressure system towards our southwest coasts, and freshening winds from the E or SE are probable in the west and south generally, with a gradual change to less settled weather. No material change is likely to occur at present in the north and east.

FORECASTS*

For the 24 hours ending at NOON on 7th November, 1903

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH 1 SCOTLAND EAST	W^ly to S^ly winds, light; fair generally, frost inland at night.	6 SCOTLAND WEST 7 ENGLAND N.W.	SE^ly winds, freshening; fair generally.
2 ENGLAND N.E. 3 ENGLAND EAST	W^ly to variable breezes, finally E^ly; fair generally, but foggy in places.	8 ENGLAND S.W	E^ly and SE^ly winds, increasing in force; fair at first, cloudy later, probably some rain.
4 MIDLAND COUNTIES	E^ly or SE^ly winds, light; fair generally.	9 IRELAND NORTH	Same as Nos. 6 and 7.
5 ENGLAND SOUTH	E^ly winds, moderate inland, freshening on coast; fair generally.	10 IRELAND SOUTH	Same as No. 5.
		WARNINGS	None issued.

Note.—The **South Cone**, *point downwards* (▼), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.

The **North Cone**, *point upwards* (▲), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

* *For terms for transmission of Forecasts by Telegraph; see next page.*

ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	Yesterday 6 p.m.					This Morning 8 a.m.									Past 24 Hours.				
	Bar. Ins.	Temp. °	Wind Direc^n	Wind Force	Weather.	Barometer. Ins.	Barometer. Change	Temperature Dry.	Temperature Wet.	Temperature Change	Wind Direc^n	Wind Force	Weather.	Sea.	Temperature Max.	Temperature Min.	Weather	Sunshine. Hrs.	Rainfall Ins.
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	bc	*	53	45	b	6·8	0·01
Bath	30·58	42	NE	1	b	30·56	−·05	42	41	+5	NE	1	bc	*	49	37	–	5·0	–

REPORTS FOR YESTERDAY.

STATIONS.	Temperture F. Max.	Temperture F. Min.	Weather.	Sunshine Hrs.	Rainfall. Ins.	STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Sunshine Hrs.	Rainfall. Ins.
Southport, to 9 p.m.... ...	44	33	f	0·0	–	Broadstairs...	*	*	*	4·8	*
Rhyl, to 6 p.m....	*	*	*	4·5	*	Margate	56	48	b, c, r	5·3	–
Llandudno...	*	*	*	5·5	*	Lowestoft, to 6 p.m.... ...					
Aberystwyth, to 6 p.m. ...	52	43	c	7·0	–	Skegness	*	*	*	5·3	*
Plymouth, to 9 p.m.... ...	53	45	b, bc	6·2	–	Scarborough, to 6 p.m. ...	55	*	*	5·2	*
Worthing	*	*	*	6·2	*	Harrogate, to 6 p.m. ...	55	35	w, b	6·9	–
Brighton		*	*	6·2	*	Manchester, to 9 p.m. ...	50	35	of, bc, f	1·9	0·01
Eastbourne to 6 p.m. ...		*	*	2·8	*	Darwen, to 9 p.m.	52	36	f, bc, bmw	4·3	–
Hastings		*	*	2·0	*	Birmingham, to 9 p.m. ...	50	36	f, b, c	2·8	–

TEMPERATURE, WEATHER, and RAINFALL at additicnal FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

STATIONS. 5th Nov.r 1903.	Temperature, F. Max.	Temperature, F. Min.	Weather.	Rain. Ins.	STATIONS.	Temperature, F. Max.	Temperature, F. Min.	Weather.	Rain. Ins.
Copenhagen	52	43	b, m	–	Algiers	73	61	c, c	–
Utrecht...	54	36	c, o	–	Tunis	?	54	m, r	0·67
Groningen	54	37	c, m	–	Madeira (Funchal)	72	54	b, b	–
Vienna	57	48	o, f	–	4th Nov.r 1903	1 p.m.	*	1 p.m.	Measured 7 a.m.
Marseilles	66	46	b, b	–	Geneva	46	*	m	–
Florence	69	47	m, b	–	Berne	41	*	m	–
Rome	69	50	c, b	–	Coire	48	*	b	–
Naples	66	55	b, b	–	Castasegna	57	*	b	–
Palermo	68	54	o, c	–	Lugano	55	*	b	–
Malta	68	56	f	–	Davos	50	*	b	–

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

COUNTRIES, &c.	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles, Belgium† ...	8 a.m. (West European)	8 a.m.	6 p.m.‡ (W.E.T.)	6 p.m.
Holland	8 a.m. (" ")	8 a.m.	7 p.m. (W.E.T.)	7 p.m.
Germany, Denmark, Norway, Sweden	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
France	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.
Spain	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)	6 p.m.
Portugal	8 a.m. (Lisbon)	8.36 a.m.	3.23 p.m. (Lisbon)	4 p.m.
Azores { Ponta Delgada	6 a.m. (Local)	7.43 a.m.	9 p.m. (Local)	10.43 p.m.
Azores { Horta	6 a.m. (Local)	7.55 a.m.	9 p.m. (Local)	10.55 p.m.

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM, TO-DAY.

6th Nov.r 1903.	Sunrise G.M.T.	Noon G.M.T	Sunset G.M.T.
Yarmouth	6.59	11.37	4.15
Greenwich	7.4	11.44	4.24
Wick	7.42	11.56	4.10
Valencia	7.46	12.25	5.4

SUBSCRIPTIONS both for the Daily *and* Weekly Weather Reports *may be paid, in advance, to the* Meteorological Office.

TERMS: For Daily Weather Report, forwarded by Book Post, £1 0 0 per annum.
" Weekly " " " £1 10 0 " Single Copies, 6d.

Single Copies of the Daily Weather Report (price 1d.) may be obtained after 3 p.m. on the day of issue at the Meteorological Office, and at Messrs. W. H. SMITH & SONS' Bookstalls at the following terminus Railway Stations:—Victoria, Charing Cross, King's Cross & Euston.

FORECASTS OF WEATHER for one day in advance are drawn up at the Meteorological Office at 11 a.m., and between 7 and 8 p.m. The latest forecast can be had by Reply Telegram, on paying at any Post Office in the United Kingdom **Sixpence in addition to the cost of the inquiry and reply Telegrams.** Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application to the Meteorological Office, 63, Victoria Street, S.W., either personally or by post.

† The evening observations in Belgium are not given on page 1.

‡ At Oxford the observations are taken at 8 p.m.

DAILY WEATHER REPORT

for 8 a.m. on Sunday 8th November. **1903.**

Issued by the METEOROLOGICAL OFFICE, 63, Victoria Street, London. W. N. SHAW, *Secretary.*

	STATIONS.	YESTERDAY EVENING. (See note on last page.) Barom. At 32° and M.S.L. Ins.	Temp. Dry Bulb. °	Wind. Direc.	Wind. Force (0 to 12.)	Weather	THIS MORNING. (See note on last page.) Barometer. At 32° Fahr. and M.S.L. Ins.	Barometer. Change since Yesterday. Ins.	Temperature. Dry Bulb. °	Temperature. Wet Bulb. °	Temperature. Change since Yesterday. °	Wind. Direc.	Wind. Force (0 to 12.)	Weather	Sea (0 to 9.)	PAST 24 HOURS. Temp. Max. °	Temp. Min. °	Weather	Sunshine. Hours.	Rainfall. Ins.
SCANDINAVIA.	Haparanda ...	29.44	36	SW	6	b	29.65	-.03	36	33	+2	W	2	o	*	41	30	-	*	-
	Hernösand ...	29.92	44	Z	o	o	29.96	-.08	48	42	+3	Z	o	c	*	50	37	-	*	-
	Stockholm ...	30.11	39	Z	o	b	30.12	-.08	35	34	-6	W	2	b	*	46	35	-	*	-
	Wisby	30.18	46	NNW	4	b	30.13	-.08	43	41	-1	N	4	b	*	46	41	-	*	-
	Karlstad	30.17	39	SW	2	b	30.18	-.10	33	32	-6	WSW	2	b	*	*	*	-	*	-
	Færder (X'iania Fjord)	30.23	42	W	1	b	30.18	-.11	40	39	+3	N	1	b	2	46	39	-	*	-
	Bodö	29.80	45	W	8	r	29.73	+.08	45	44	-1	SW	6	r	4	46	34	-	*	0.20
	Christiansund ...	30.12	47	WSW	9	o	30.07	-.10	48	43	-1	SW	7	o	5	49	46	-	*	0.08
	Skudesnaes ...	30.38	41	Z	o	b	30.26	-.22	49	46	+3	S	4	o	2	49	46	b	*	*
BRITISH ISLANDS.	Sumburgh Head	30.24	47	W	3	c	29.99	-.35	46	43	-2	SW	3	c	4	49	45	bc,c	*	-
	Stornoway ...	30.25	49	WSW	4	o	29.91	-.45	50	48	+2	SSW	7	o	7	50	47	o	0.0	-
	Malin Head ...	30.33	47	S	3	o	30.00	-.44	46	44	+2	S	5	c	3	47	43	c,o	*	-
	Blacksod Pt. ...	30.30	50	SSW	4	c	30.01	-.39	51	50	+5	SSW	7	opm	6	51	46	c	*	0.01
	Valencia	30.31	50	SE	2	om	30.14	-.22	50	48	+2	SSE	2	ogm	3	53	48	c,om	0.2	-
	Roche's Point ...	30.34	52	SSE	4	o	30.18	-.23	52	49	0	SSW	4	o	3	52	51	o	*	-
	Parsonstown ...	30.35	49	Z	0	c	30.15	-.28	45	44	0	SE	1	o	*	52	43	q,c	0.4	-
	Donaghadee ...	30.41	47	SW	2	c	30.17	-.32	50	48	+4	SW	2	o	2	52	44	-	*	-
	Liverpool Obsy.	30.44	42	SSE	3	b	30.24	-.29	36	35	-2	SSE	2	b	2	47	36	f,b	*	-
	Holyhead ...	30.40	45	Z	o	b	30.21	-.27	47	45	+7	S	3	om	2	50	39	b	*	-
	Pembroke (St. Ann's)	30.38	50	ESE	5	b	30.24	-.22	50	49	+1	SSE	4	og	4	52	47	b,m	3.2	-
	Scilly (St. Mary's)...	30.32	53	ESE	4	c	30.22	-.14	52	50	+1	S	3	cw	2	56	48	c	0.8	-
	Jersey (St. Aubins)...	30.38	48	E	3	bm	30.30	-.13	47	45	+1	ESE	3	bcmw	3	53	43	b,bm	7.8	-
	Portland Bill ...	30.40	49	ESE	5	c	30.28	-.16	48	47	-2	ESE	4	c	3	53	47	bc,c	*	-
	Dungeness ...	30.46	48	E	3	bc	30.35	-.18	46	44	-2	S	4	c	2	50	45	bc	6.6	-
	Wick	30.28	44	S	2	bc	30.01	-.36	41	40	+10	S	2	bc	1	48	30	-	*	-
	Nairn	30.32	41	W	1	b	30.02	-.40	45	41	+11	SSW	3	c	1	47	33	-	*	-
	Aberdeen ...	30.36	34	WNW	3	bm	30.11	-.33	42	40	+14	SSW	3	om	2	43	27	b,bm	4.3	0.01
	Leith	30.37	41	Z	o	m	30.13	-.35	44	42	+9	S	2	o	*	49	33	-	*	0.01
	North Shields ...	30.41	44	Z	o	f	30.22	-.29	33	32	0	SW	3	f	2	47	30	f	*	-
GERMANY, &c.	Spurn Head ...	30.45	46	SSW	2	m	30.31	-.24	43	41	+1	SSW	4	o	3	46	37	-	*	-
	Yarmouth ...	30.46	47	NW	2	c	30.34	-.18	47	44	+12	SSW	3	c	3	47	33	bc,c	*	-
	Nottingham ...	30.48	32	Z	o	f	30.31	-.25	41	40	+11	S	1	of	*	41	28	-	0.0	-
	Oxford	30.47	39	Z	o	f	30.33	-.24	43	42	+10	S	1	of	*	46	32	o,bc,f	*	-
	London (Brixton)...	30.46	45	ESE	1	b	30.33	-.19	45	43	+2	SSE	1	ogm	*	51	37	c,f,b	1.0	-
	The Scaw (Skagen)	30.28	46	NW	3	b	30.24	-.08	46	44	-1	WNW	5	m	1	52	45	-	*	-
	Fanö	30.45	45	WNW	2	c	30.39	-.04	46	44	-2	W	2	c	*	50	45	-	*	-
	Cuxhaven ...	30.48	39	NNW	1	o	30.44	-.03	45	44	-5	SW	2	o	*	52	45	-	*	-
	The Helder ...	30.50	48	Z	o	o	30.39	-.13	44	42	-6	S	1	o	o	50	44	-	*	-
	Brussels	*	*	*	*	*	30.42	-.14	42	41	0	SSW	1	o	*	45	41	-	*	-
	Berlin	30.47	47	WNW	1	o	30.44	+.06	46	42	-1	WNW	3	o	*	50	45	-	*	-
	Frankfürt ...	30.51	47	N	2	o	30.47	-.06	47	44	0	SE	2	o	*	50	47	-	*	-
	Munich	30.51	40	SE	2	o	30.47	-.03	39	37	+4	E	5	o	*	43	35	-	*	-
FRANCE.	C. Gris Nez ...	30.45	41	E	3	b	30.36	-.13	38	37	-2	SE	3	b	2	48	37	-	*	-
	Brest	30.19	53	E	1	b	30.26	-.07	47	46	+5	ESE	2	o	2	59	42	-	*	-
	Lorient	30.32	54	E	3	b	30.27	-.05	44	44	+1	E	3	b	2	57	39	-	*	-
	Rochefort ...	30.28	53	E	2	b	30.25	-.03	44	43	-2	E	2	b	*	64	41	b	*	-
	Biarritz	30.26	61	ESE	2	b	30.26	.00	58	50	+3	S	3	b	0	70	52	-	*	-
	Paris	30.45	42	NE	3	b	30.38	-.09	32	32	-1	SW	1	b	*	53	32	-	*	-
	Belfort	30.42	41	ENE	5	m	30.42	-.03	35	34	+3	ENE	6	r	*	45	31	-	*	-
	Lyons	30.45	40	S	1	f	30.45	-.02	31	30	0	WNW	1	f	*	42	31	-	*	-
	Nice	30.31	50	E	1	b	30.36	+.04	52	50	+5	Z	0	b	1	61	46	-	*	0.24
	Perpignan ...	30.32	48	Z	o	b	30.37	+.04	46	46	+1	Z	0	o	*	62	39	-	*	-
SPAN. PEN.	Corunna	30.23	63	NE	1	b	30.23	+.11	57	54	-2	NE	2	bc	2	68	52	-	*	-
	Lisbon	30.11	60	NNE	3	bc	30.14	+.01	58	56	-2	NNE	4	b	*	64	57	-	*	-
	Azores (P. Delgada)	30.29	60	NE	5	b	29.93	+.20	62	59	+3	NE	5	c	3	63	59	-	*	0.12
	" (Horta) ...	29.95	62	NE	5	o	30.06	+.24	62	57	+1	NE	5	b	3	63	59	-	*	-

NOTE: *The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster: the Sunshine entered to Dungeness is recorded at Littlestone-on-Sea.*

* *Observations for this column not generally received.*

† *Observations received too late for insertion in Charts on next page.*

WEATHER CHARTS

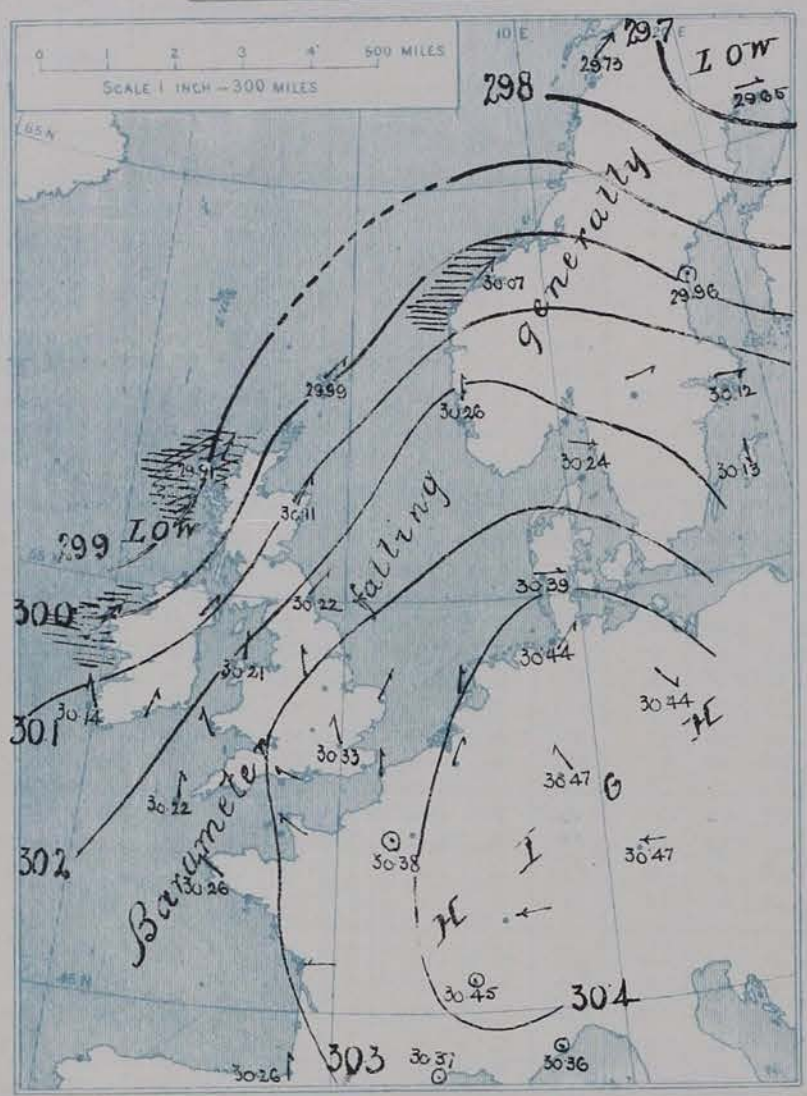
FOR Sunday, 8th November, 1903.

I. BAROMETER, WIND AND SEA. *This Morning.*

BAROMETER.—Isobars are drawn for each tenth of an inch.
WIND.—Arrows show Directions and Force, flying with the wind.

Force above 10 ⟶⟶ ; *Force 5 to 7* ⟶ ; *Force 8 to 10* ⟶ ; *Force 1 to 4* ⟶ ; } Calm ⊙

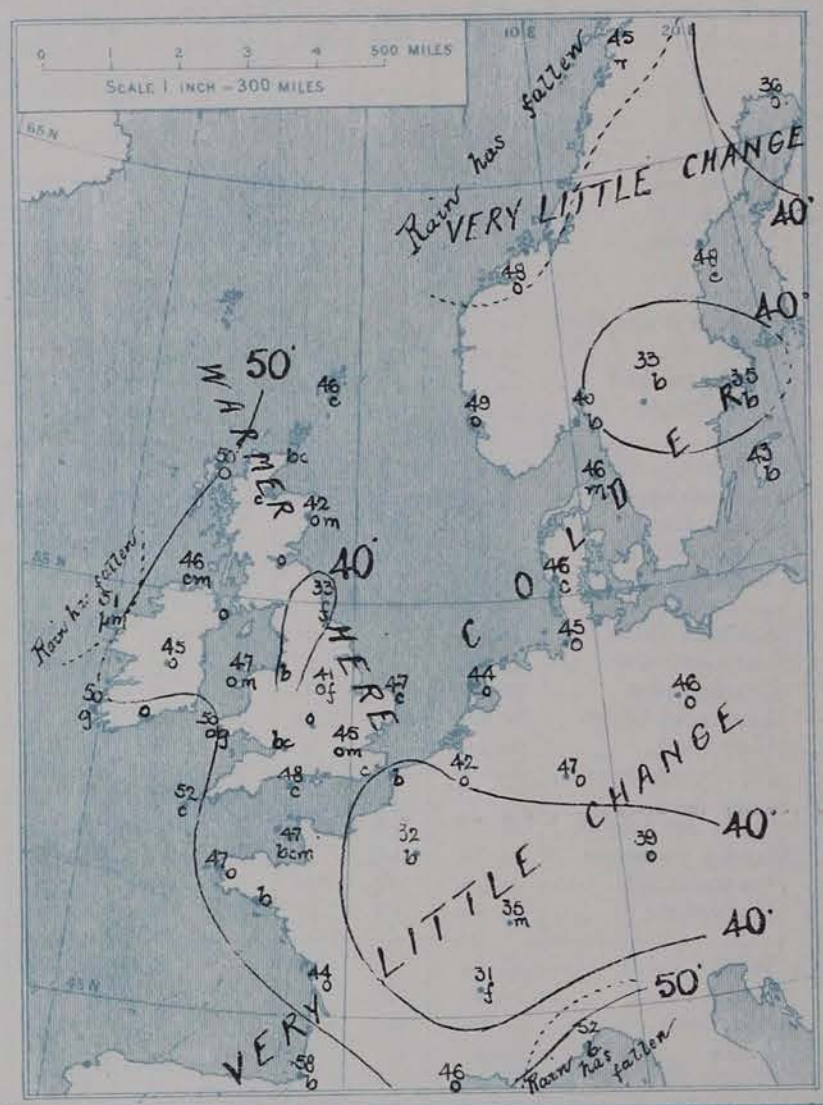
SEA.—Rough ▒ *High* ■



II. TEMPERATURE AND WEATHER. *This Morning.*

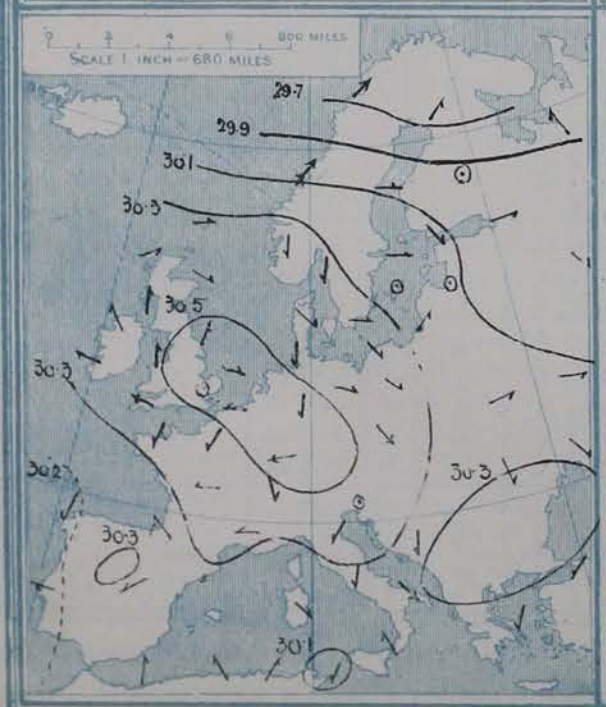
TEMPERATURE.—Isotherms are drawn for each 10°
WEATHER.—Shown by Letters of the Beaufort Scale. *(See P. 4.)*

RAINFALL.—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus - 0·6



III. BAROMETER AND WIND

Yesterday morning.



IV. GREATEST AND LEAST MONTHLY RAINFALL IN NOVEMBER

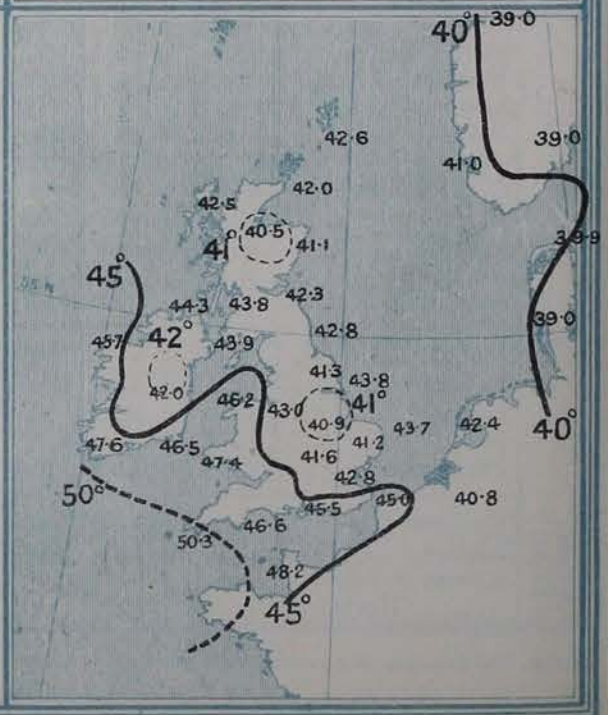
During the 32 Years 1871-1902.

Specimen for LONDON { *Greatest Rainfall* 4·23 (IN 1899) ; *Least ... Do.* 0·43 (IN 1871)

V. *Means of* DAILY TEMPERATURE

at 8 A.M. for the monthly period

NOVEMBER. (1871-1900.)



GENERAL SITUATION AT 8 A.M.

PRESSURE

The anticyclone is moving slowly southeastwards, its central area, with readings above 30·5 ins., being at present situated over England, the Netherlands, western Germany and the northeast of France. A large area of low pressure, 29·7 ins. and less, has appeared over the north of Scandinavia, in which region the barometer is falling briskly, with rather steep gradients for SW^ly and W^ly winds. A slight fall is also in progress in these Islands, but over France the mercury is rising slowly.

WIND

The wind remains E^ly or SE^ly over France and our own western and southern coasts, and blows freshly at some of the Channel stations. On our north and east coasts it is light from the W^wd, and on the eastern shores of the North Sea from the NW or N. Owing to the increase of the barometric gradient the wind has increased to a gale from the SW on the Norwegian coasts.

TEMPERATURE

Temperature has fallen over Great Britain and central France, where the readings are now below the average; frost prevails in the northeast of Scotland, and also over the central parts of England and France, the lowest morning readings reported being 28° at Aberdeen, 30° at Nottingham and 31° at Wick and Lyons. In the Shetlands, the Hebrides and the west of Norway, the thermometer is above 45°, while on some parts of our south and southwest coasts it is slightly above 50°.

WEATHER AND SEA

Thick fog is again reported over eastern and central England. In most other parts of western Europe the weather is at present fair, but at the extreme northern stations it is cloudy, with rain at Bodö. The sea is slight generally, but moderate on our southwest coasts and rough off the Shetlands and the west of Norway.

A considerable amount of bright sunshine was recorded over the United Kingdom yesterday, more than 7 hours on the English and Welsh coasts, and as many as 8·2 hours at Eastbourne. Frost occurred at night over the northern and central parts of Great Britain, the lowest temperatures reported being:- (1) In the screen, 26° at Nairn, 27° at Aberdeen and 28° at Nottingham; (2) On the grass 22° at Oxford and 29° in London.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The depression over the north of Scandinavia is likely to be followed by other disturbances moving in a more S^ly track, and to cause freshening SW^ly and W^ly winds and rain in our own extreme northern districts. In other parts of the Kingdom no material change in the weather is anticipated at present.

FORECASTS*

For the 24 hours ending at NOON on 8th November, 1903

DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	SW^ly and W^ly winds, freshening; mild, cloudy, some rain.
1 SCOTLAND EAST 2 ENGLAND N.E.	SW^ly and W^ly winds, light or moderate; fair generally. Cold today, milder tomorrow.
3 ENGLAND EAST 4 MIDLAND COUNTIES 5 ENGLAND SOUTH	Variable or light SE^ly airs; fair and mild in daytime, foggy and frosty at night.
6 SCOTLAND WEST	S^ly to SW^ly winds, moderate; fair at first, some showers later
7 ENGLAND N.W.	S^ly and SE^ly winds, light; fair generally, but foggy in places.
8 ENGLAND S.W	SE^ly winds, light or moderate; fair generally.
9 IRELAND NORTH	Same as No. 6.
10 IRELAND SOUTH	Same as No. 8.
WARNINGS	None issued.

Note.—The **South Cone**, *point downwards* (▼), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.

The **North Cone**, *point upwards* (▲), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

* *For terms for transmission of Forecasts by Telegraph; see next page.*

ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	Yesterday 6 p.m. Bar. Ins.	Temp. °	Wind Direc.	Wind Force	Weather.	This Morning 8 a.m. Barometer. Ins.	Barometer. Change	Temperature Dry.	Temperature Wet.	Temperature Change	Wind Direc.	Wind Force	Weather.	Sea.	Past 24 Hours. Temperature Max	Temperature Min.	Weather	Sunshine. Hrs.	Rainfall Ins.
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	m	*	53	39	o, bc	0·1	–
Bath	30·50	38	NE	2	b	30·52	– ·04	37	37	– 5	E	2	bc	*	53	35	–	5·4	–

REPORTS FOR YESTERDAY.

STATIONS.	Temperture F. Max.	Temperture F. Min.	Weather.	Sunshine Hrs.	Rainfall. Ins.	STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Sunshine Hrs.	Rainfall. Ins.
Southport, to 9 p.m.... ...	46	29	f, bm	4·0	–	Broadstairs...	*	*	*		*
Rhyl, to 6 p.m.	*	*	*	7·3	*	Margate	55	49	b, o	7·0	–
Llandudno	*	*	*	7·8	*	Lowestoft, to 6 p.m.... ...	52	35	c, om, b	6·3	–
Aberystwyth, to 6 p.m. ...	55	42	bc	7·0	–	Skegness	*	*	*	7·4	*
Plymouth, to 9 p.m.... ...	54	49	bc	5·8	–	Scarborough, to 6 p.m. ...	52	*	*	4·9	*
Worthing	*	*	*	7·8	*	Harrogate, to 6 p.m. ...	50	34	w, b	6·9	–
Brighton	55	*	*	7·8	*	Manchester, to 9 p.m. ...	51	32	f, b, f	2·7	0·01
Eastbourne, to 6 p.m. ...	54	*	*	8·2	*	Darwen, to 9 p.m.	49	34	bm, c, b, f	3·4	–
Hastings	*	*	*	7·8	*	Birmingham, to 9 p.m. ...	49	34	f, b	3·9	–

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

STATIONS. 6th Nov.r 1903.	Temperature, F. Max.	Temperature, F. Min.	Weather.	Rain. Ins.	STATIONS.	Temperature, F. Max.	Temperature, F. Min.	Weather.	Rain. Ins.
Copenhagen	48	43	o, o	–	Algiers	71	63	o, o	–
Utrecht...	54	30	m, f	–	Tunis	66	48	c, c	–
Groningen	52	37	o, m	–	Madeira (Funchal)	Not rec.d			
Vienna	50	37	bc, bc	–	5th Nov.r 1903.	1 p.m.	*	1 p.m.	Measured 7 a.m.
Marseilles	66	48	b, b	–	Geneva	48	*	o	–
Florence	64	55	b, b	–	Berne	46	*	o	–
Rome	66	50	b, b	–	Coire	45	*	o	–
Naples	68	54	b, b	–	Castasegna	55	*	b	–
Palermo	66	51	b, bc	0·20	Lugano	55	*	b	–
Malta	72	59	f	0·04	Davos	68	*	b	–

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

COUNTRIES, &c.	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles, Belgium† ...	8 a.m. (West European)	8 a.m.	6 p.m.‡ (W.E.T.)	6 p.m.
Holland	8 a.m. („ „)	8 a.m.	7 p.m. (W.E.T.)	7 p.m.
Germany, Denmark, Norway, Sweden	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
France	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.
Spain	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)	6 p.m.
Portugal	8 a.m. (Lisbon)	8.36 a.m.	3.23 p.m. (Lisbon)	4 p.m.
Azores { Ponta Delgada	6 a.m. (Local)	7.43 a.m.	9 p.m. (Local)	10.43 p.m.
Azores { Horta	6 a.m. (Local)	7.55 a.m.	9 p.m. (Local)	10.55 p.m.

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM, TO-DAY.

7th Nov.r 1903.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	7·0	11·37	4·14
Greenwich	7·5	11·44	4·23
Wick	7·44	11·56	4·8
Valencia	7·47	12·25	5·3

SUBSCRIPTIONS both for the Daily *and* Weekly Weather Reports *may be paid, in advance, to the* Meteorological Office.

TERMS: For Daily Weather Report, forwarded by Book Post, £1 0 0 per annum.
„ Weekly „ „ „ £1 10 0 „ Single Copies, 6d.

Single Copies of the Daily Weather Report (price 1d.) may be obtained after 3 p.m. on the day of issue at the Meteorological Office, and at Messrs. W. H. SMITH & SONS' Bookstalls at the following terminus Railway Stations:—Victoria, Charing Cross, King's Cross, St. Pancras, Euston.

FORECASTS OF WEATHER for one day in advance are drawn up at the Meteorological Office at 11 a.m., and between 7 and 8 p.m. The latest forecast can be had by Reply Telegram, on paying at any Post Office in the United Kingdom **Sixpence in addition to the cost of the inquiry and reply Telegrams.** Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application to the Meteorological Office, 63, Victoria Street, S.W., either personally or by post.

† The evening observations in Belgium are not given on page 1.

‡ At Oxford the observations are taken at 8 p.m.

DAILY WEATHER REPORT

for 8 a.m. on Monday, 9th November, 1903.

Issued by the METEOROLOGICAL OFFICE, 63, Victoria Street, London. W. N. SHAW, *Secretary.*

	STATIONS.	YESTERDAY EVENING. (See note on last page.) Barom. At 32° and M.S.L. Ins.	Temp. Dry Bulb. °	Wind. Direc.	Force (0 to 12.)	Weather	THIS MORNING. (See note on last page.) Barometer. At 32° Fahr. and M.S.L. Ins.	Change since Yesterday. Ins.	Temperature. Dry Bulb. °	Wet Bulb. °	Change since Yesterday. °	Wind. Direc.	Force (0 to 12.)	Weather	Sea (0 to 9.)	PAST 24 HOURS. Temp. Max. °	Min. °	Weather	Sunshine. Hours.	Rainfall. Ins.
SCANDINAVIA.	Haparanda ...	29.76	34	W	4	bc	29.69	+.04	34	33	−2	N	0	c	*	39	32	–	*	–
	Hernösand ...	29.98	40	N	0	b	29.78	−.18	31	29	−17	N	0	b	*	50	31	–	*	–
	Stockholm ...	30.10	46	N	0	b	29.99	−.13	41	39	+6	WSW	2	c	*	46	34	–	*	–
	Wisby	30.54	42	N	0	b	30.07	−.06	43	40	0	W	2	0	*	48	41	–	*	–
	Karlstad	30.10	41	WSW	2	0	29.95	−.23	44	43	+11	SW	2	0	*	*	*	–	*	–
	Færder (X'tiania Fjord)	30.04	44	W	5	b	29.90	−.28	47	45	+7	SW	3	0	3	47	39	–	*	–
	Bodö	29.73	46	?	6	r	29.59	−.14	42	41	−3	SE	2	0	2	46	41	–	*	0.55
	Christiansund ...	29.89	41	SE	1	b	29.60	−.47	43	40	−5	SE	2	0	4	48	41	–	*	–
	Skudesnaes ...	30.05	48	S	6	0	29.78	−.52	48	46	−1	S	8	r	5	49	46	0	*	*
BRITISH ISLANDS.	Sumburgh Head	29.70	47	S	3	0	29.51	−.48	46	42	0	SW	3	bc	4	49	44	c, 0	*	0.09
	Stornoway ...	29.60	51	SW	8	r	29.53	−.38	43	42	−7	WSW	4	0	4	51	40	r	0.0	0.52
	Malin Head ...	29.71	50	SW	7	0	29.74	−.16	47	43	+1	WSW	6	cp	4	50	43	c, 0	*	0.04
	Blacksod Pt. ...	29.87	47	WNW	7	rm	29.92	−.09	47	45	−4	WNW	6	cg, p	5	53	45	r, rm	*	0.45
	Valencia	29.98	53	S	5	omd	30.06	−.08	50	49	0	W	6	0	6	54	47	og, omd	0.0	0.16
	Roche's Point ...	30.04	52	SSW	3	ogm	30.08	−.10	44	42	−8	W	3	c	1	53	42	0, ogm	*	0.11
	Parsonstown ...	29.97	51	SW	3	0	29.98	−.17	41	40	−4	SW	2	c	*	53	39	0, r	0.0	0.17
	Donaghadee ...	29.94	50	SW	3	c	29.89	−.28	39	38	−11	WSW	3	b	3	51	38	–	*	0.04
	Liverpool Obsy.	30.08	45	SSE	3	c	29.92	−.32	46	44	+10	W	4	c	3	53	36	bc, c	*	0.12
	Holyhead ...	30.04	53	SW	4	cmu	29.95	−.26	46	44	−1	WNW	4	bc	3	53	44	0, cmu	*	0.21
	Pembroke (St. Ann's)	30.10	53	SSW	5	0	30.01	−.23	51	48	+1	NW	5	cg	4	55	48	0, gp	0.0	0.05
	Scilly (St. Mary's)...	30.14	53	S	3	0	30.08	−.14	54	53	+2	WSW	5	m	3	55	50	0	0.0	–
	Jersey (St. Aubins)...	30.22	50	SSE	1	bm	30.13	−.17	53	52	+6	SW	3	om	3	54	47	b, bm	7.3	–
	Portland Bill ...	30.19	48	S	1	bm	30.06	−.22	54	54	+6	WSW	3	0	2	54	47	c, bm	*	0.01
	Dungeness ...	30.24	48	SSW	3	bc	30.07	−.28	54	52	+8	WSW	3	bew	2	54	42	bc	0.2	0.01
	Wick	29.67	44	S	3	c	29.55	−.46	41	39	0	S	3	bc	1	50	38	–	*	–
	Nairn	29.72	50	SSW	2	c	29.63	−.39	40	38	−5	WSW	2	bc	1	52	37	–	*	0.09
	Aberdeen ...	29.85	47	SW	3	om	29.69	−.42	37	36	−5	WSW	3	b	2	50	37	0, omu	0.0	0.04
	Leith	29.91	47	SW	3	0	29.76	−.37	43	41	−1	SW	3	bm	*	52	41	0, r	*	0.08
	North Shields ...	30.02	44	SSE	2	om	29.82	−.40	45	44	+12	W	2	cp	2	50	33	f, 0, p	*	0.03
	Spurn Head ...	30.14	45	SW	5	0	29.88	−.43	47	46	+4	SSW	4	cp	3	47	40	–	*	0.02
	Yarmouth ...	30.21	46	SSW	3	cm	29.99	−.35	46	45	−1	SW	3	bcm	3	48	41	c, cm	*	–
	Nottingham ...	30.17	43	SW	1	0	29.91	−.40	49	48	+8	SW	2	c	*	49	38	0	0.0	0.01
	Oxford	30.18	42	SSE	1	b	30.01	−.32	51	50	+8	SSW	3	0	*	51	41	0, b, m, r	*	0.03
	London (Brixton)...	30.19	44	SSW	1	b	30.02	−.31	51	50	+6	SW	1	or	*	51	37	c, om, b	0.0	0.05
GERMANY, &c	The Scaw (Skagen)	30.16	46	W	3	m	29.99	−.25	45	44	−1	SW	4	m	1	48	45	–	*	–
	Fanö	30.23	46	SW	4	0	30.06	−.33	46	44	0	S	2	0	*	48	45	–	*	–
	Cuxhaven ...	30.34	44	SW	1	0	30.13	−.31	44	42	−1	SSW	2	0	*	46	44	–	*	–
	The Helder ...	30.22	43	S	1	0	30.04	−.35	41	41	−3	S	1	m	1	46	41	–	*	–
	Brussels	*	*	*	*	*	30.19	−.23	37	37	−5	SSE	2	c	*	45	36	–	*	–
	Berlin	30.35	45	N	0	0	30.23	−.21	43	41	−3	SW	3	0	*	48	41	–	*	–
	Frankfürt ...	30.33	45	SE	2	0	30.30	−.17	36	35	−11	SW	3	0	*	50	36	–	*	–
	Munich	30.38	35	SE	3	b	30.34	−.13	26	26	−13	N	0	f	*	48	25	–	*	–
FRANCE.	C. Gris Nez ...	30.18	45	SSW	2	b	30.08	−.28	46	45	+8	SSW	4	f	1	46	38	–	*	–
	Brest	30.19	53	N	0	0	30.16	−.10	56	55	+9	W	3	0	3	56	46	–	*	–
	Lorient	30.20	54	E	2	b	30.17	−.10	57	56	+13	WSW	3	0	2	59	44	–	*	–
	Rochefort ...	30.21	55	ESE	3	b	30.19	−.06	50	49	+6	SE	3	c	*	64	41	bc, b	*	–
	Biarritz	30.25	62	N	0	b	30.26	.00	60	53	+2	N	0	0	0	72	57	–	*	–
	Paris	30.29	38	SSE	1	b	30.24	−.14	35	35	+3	S	1	0	*	52	32	–	*	–
	Belfort	30.34	40	ENE	4	m	30.31	−.11	35	34	0	W	2	m	*	50	30	–	*	–
	Lyons	30.38	44	N	1	b	30.37	−.08	34	34	+3	S	1	bc	*	50	30	–	*	–
	Nice	30.36	52	N	0	c	30.32	−.04	47	45	−5	N	0	c	1	63	45	–	*	–
	Perpignan ...	30.32	55	NE	1	0	30.31	−.06	46	45	0	SW	1	b	*	60	44	–	*	–
SPAN. PEN.	Corunna																		*	
	Lisbon	30.17	63	ENE	3	0	30.06	−.08	60	57	+2	NE	4	b	*	66	58	–	*	–
	Azores (P. Delgada)																		*	
	" (Horta) ...	30.13	61	NE	4	0	30.11	+.05	63	61	+1	NE	4	b	2	64	61	–	*	0.12

NOTE: *The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster: the Sunshine entered to Dungeness is recorded at Littlestone-on-Sea.*

* *Observations for this column not generally received.*

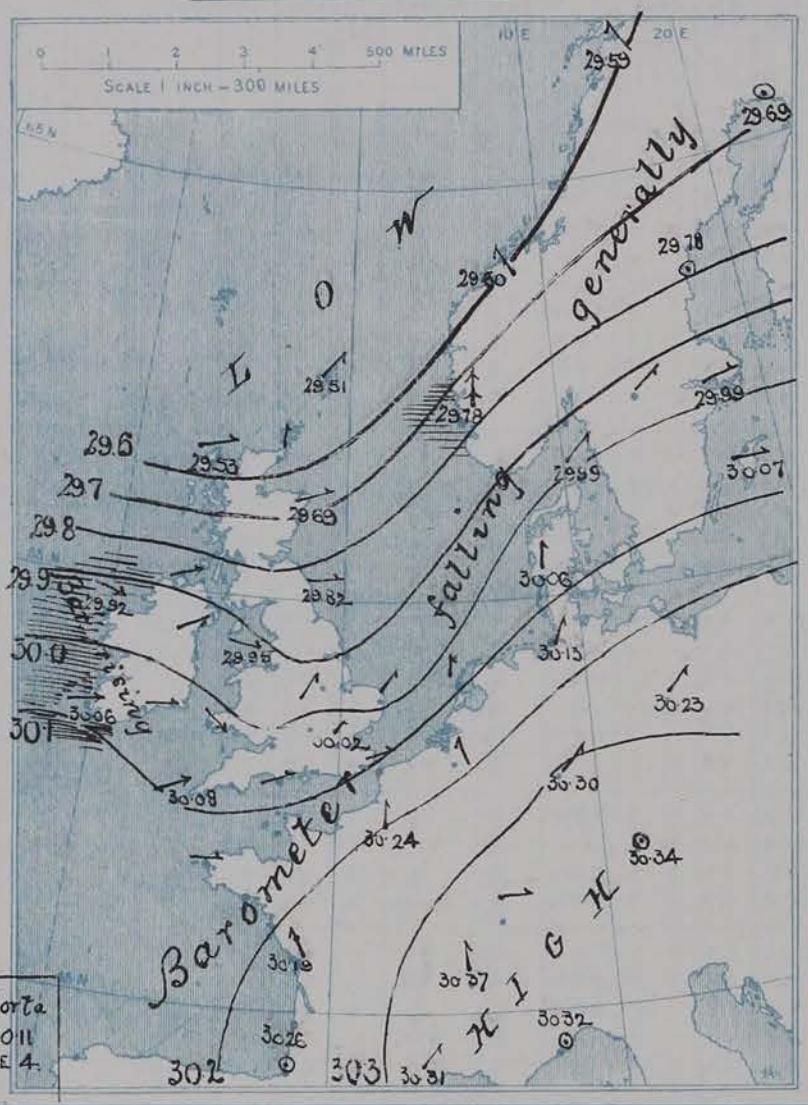
† *Observations received too late for insertion in Charts on next page.*

WEATHER CHARTS

FOR *Monday, 9th November, 1903.*

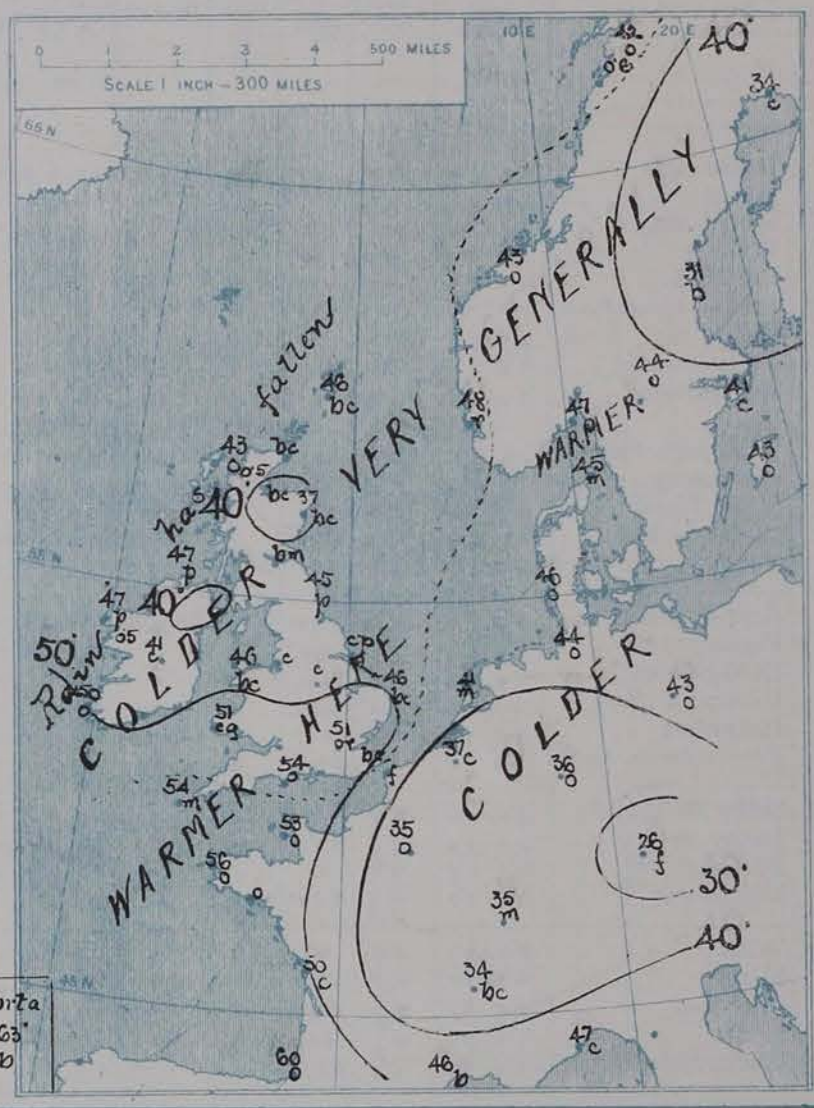
I. BAROMETER, WIND AND SEA. *This Morning.*

BAROMETER.—Isobars are drawn for each tenth of an inch.
WIND.—Arrows show Directions and Force, flying with the wind.
Force above 10 ⟶⟶ ; *Force 5 to 7* ⟶ ; *Force 8 to 10* ⟶ ; *Force 1 to 4* ⟶ ; } Calm ⊙
SEA —Rough ▒ *High* ▓



II. TEMPERATURE AND WEATHER. *This Morning.*

TEMPERATURE.—Isotherms are drawn for each 10°.
WEATHER.—Shown by Letters of the Beaufort Scale. *(See P. 4.)*
RAINFALL.—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus – 0·6



III. BAROMETER AND WIND

Yesterday morning.

IV. GREATEST AND LEAST MONTHLY RAINFALL IN NOVEMBER

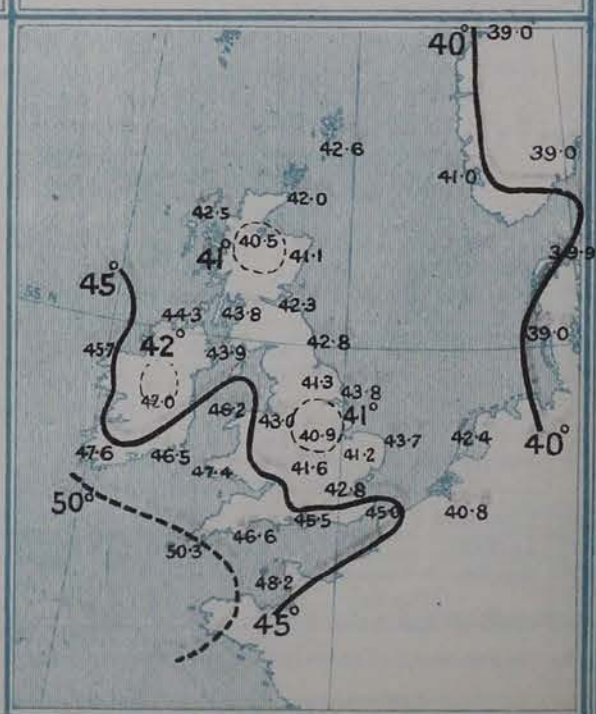
During the 32 Years 1871–1902.

Specimen for LONDON { *Greatest Rainfall* 4·23 (IN 1899) / *Least ... Do.* 0·43 (IN 1871)

V. *Means of* DAILY TEMPERATURE

at 8 A.M. for the monthly period

NOVEMBER. *(1871–1900.)*



GENERAL SITUATION AT 8 A.M.

PRESSURE

The distribution of pressure is now undergoing considerable variations. The anticyclone which has been centred over our Islands for some days past is moving away towards central Europe and is being reduced in intensity. Over the greater part of our area the barometer is giving way, rapidly at our western and northern stations, a disturbance having appeared off the northwestern coasts. Another disturbance is moving eastward across Lapland.

WIND

At some of our southern coast stations the wind is still SE by. in direction, but over the country generally it has shifted to between S. and SW., mostly light or moderate, but on the northwestern coasts it has increased quickly, to a fresh breeze at Malin Head, and a moderate gale at Blacksod Point and Stornoway. Calms and light E by N breezes prevail over France, S by. to W by. over Scandinavia, blowing strongly on the coast of Norway.

TEMPERATURE

Temperature has risen at nearly all the home stations, decidedly at some of the eastern ones; rain also in the northeast and southeast of France, fallen in most other localities. Present values range from 33° at Shields, 36° at Liverpool and 37° at Bath to 51° at Blacksod Point and 52° at Roche's Point and Scilly; from 31° at Lyons, 32° at Paris and 33° at Karlstad to 52° at Nice and 58° at Biarritz.

WEATHER AND SEA

Weather is clear over the south of Sweden and locally in France, but cloudy to overcast elsewhere, with mist or gloom in many places, fog at Shields, Nottingham and Lyons; rain at Bodö and showers at Blacksod. Sea is high at Stornoway, rough at Blacksod Point, moderate to smooth elsewhere.

During yesterday temperature rose to 56° at Scilly and 55° at Aberystwyth and Plymouth but was below 50° at most of the northern and eastern stations, 43° at Aberdeen and 41° at Nottingham. Some localities had no sunshine, other records ranging up to 7·8 hrs. at Jersey.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

FORECASTS*

For the 24 hours ending at NOON on 9TH NOVEMBER, 1903

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	None issued.	6 SCOTLAND WEST	None issued.
1 SCOTLAND EAST		7 ENGLAND N.W.	
2 ENGLAND N.E.		8 ENGLAND S.W	
3 ENGLAND EAST		9 IRELAND NORTH	
4 MIDLAND COUNTIES		10 IRELAND SOUTH	
5 ENGLAND SOUTH		WARNINGS	At 9.20 a.m. today, to Districts 0, 1, 6 and 9, "HOIST SOUTH CONE."

Note.—The **South Cone**, *point downwards* (▼), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.

The **North Cone**, *point upwards* (▲), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

* *For terms for transmission of Forecasts by Telegraph; see next page.*

ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	Yesterday 6 p.m.					This Morning 8 a.m.									Past 24 Hours.				
	Bar. Ins.	Temp. °	Wind Direc.	Wind Force	Weather.	Barometer. Ins.	Barometer. Change	Temperature Dry.	Temperature Wet.	Temperature Change	Wind Direc.	Wind Force	Weather.	Sea.	Temperature Max.	Temperature Min.	Weather	Sunshine. Hrs.	Rainfall Ins.
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	o	*	52	40	bc, o	3·1	–
Bath	30·38	35	NE	1	b	30·30	-22	37	37	o	NE	1	bc	*	50	34	-	3·0	-

REPORTS FOR YESTERDAY.

STATIONS.	Temperture F. Max.	Temperture F. Min.	Weather.	Sunshine Hrs.	Rainfall. Ins.	STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Sunshine Hrs.	Rainfall. Ins.
Southport, to 9 p.m.... ...	50°	31°	c, b, c	4·7	–	Broadstairs...	*	*	*		*
Rhyl, to 6 p.m....	*	*	*		*	Margate	51	44	c	3·0	–
Llandudno...	*	*	*	7·5	*	Lowestoft, to 6 p.m.... ...					
Aberystwyth, to 6 p.m. ...	55	43	b	7·0	–	Skegness	*	*	*	6·7	*
Plymouth, to 9 p.m.... ...	55	47	bc, b, bc	6·2	–	Scarborough, to 6 p.m. ...					
Worthing	*	*	*	2·0	*	Harrogate, to 6 p.m. ...	50	31	bw, bm	5·9	–
Brighton	*	*	*		*	Manchester, to 9 p.m. ...					
Eastbourne, to 6 p.m. ...		*	*		*	Darwen, to 9 p.m.	47	34	bcm	2·3	–
Hastings		*	*		*	Birmingham, to 9 p.m. ...	48	32	b, f	5·8	–

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

STATIONS. 7th Nov. 1903.	Temperature, F. Max.	Temperature, F. Min.	Weather.	Rain. Ins.	STATIONS.	Temperature, F. Max.	Temperature, F. Min.	Weather.	Rain. Ins.
Copenhagen	50	41	b, f	–	Algiers	73	59	b, blr	0·35
Utrecht...	50	37	o, m	–	Tunis	68	61	o, o	–
Groningen	50	45	o, o	–	Madeira (Funchal)	Not	rec.		
Vienna	50	43	r, o	0·16	6th Nov. 1903.	1 p.m.	*	1 p.m.	Measured 7 a.m.
Marseilles	66	46	b, b	–	Geneva	48	*	o	–
Florence	62	49	b, b	–	Berne	43	*	o	–
Rome	66	46	b, b	–	Coire	46	*	b	–
Naples	64	51	b, b	–	Castasegna	52	*	b	–
Palermo	69	55	o, c	0·32	Lugano	57	*	b	–
Malta	69	59	o	0·55	Davos	45	*	b	–

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

COUNTRIES, &c.	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles, Belgium† ...	8 a.m. (West European)	8 a.m.	6 p.m.‡ (W.E.T.)	6 p.m.
Holland	8 a.m. („ „)	8 a.m.	7 p.m. (W.E.T.)	7 p.m.
Germany, Denmark, Norway, Sweden	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
France	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.
Spain	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)	6 p.m.
Portugal	8 a.m. (Lisbon)	8.36 a.m.	3.23 p.m. (Lisbon)	4 p.m.
Azores: Ponta Delgada	6 a.m. (Local)	7.43 a.m.	9 p.m. (Local)	10.43 p.m.
Azores: Horta	6 a.m. (Local)	7.55 a.m.	9 p.m. (Local)	10.55 p.m.

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM, TO-DAY.

8th Nov. 1903.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	7·2	11·37	4·12
Greenwich	7·7	11·44	4·21
Wick	7·46	11·56	4·6
Valencia	7·49	12·25	5·1

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FORECASTS OF WEATHER for one day in advance are drawn up at the Meteorological Office at 11 a.m., and between 7 and 8 p.m. The latest forecast can be had by Reply Telegram, on paying at any Post Office in the United Kingdom **Sixpence in addition to the cost of the inquiry and reply Telegrams.** Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application to the Meteorological Office, 63, Victoria Street, S.W., either personally or by post.

† The evening observations in Belgium are not given on page 1.

‡ At Oxford the observations are taken at 8 p.m.

DAILY WEATHER REPORT

for 8 a.m. on Tuesday, 10th November, **1903.**

Issued by the METEOROLOGICAL OFFICE, 63, Victoria Street, London. **W. N. SHAW,** *Secretary.*

	STATIONS.	YESTERDAY EVENING. (See note on last page.) Barom. At 32° and M.S.L. Ins.	Temp. Dry Bulb. °	Wind. Direc.	Wind. Force (0 to 12.)	Weather	THIS MORNING. (See note on last page.) Barometer. At 32° Fahr. and M.S.L. Ins.	Barometer. Change since Yesterday. Ins.	Temperature. Dry Bulb. °	Temperature. Wet Bulb. °	Temperature. Change since Yesterday. °	Wind. Direc.	Wind. Force (0 to 12.)	Weather	Sea (0 to 9.)	PAST 24 HOURS. Temp. Max. °	Temp. Min. °	Weather	Sunshine. Hours.	Rainfall. Ins.
SCANDINAVIA.	Haparanda ...	29.55	37	SW	2	b	29.35	-.34	35	34	+1	SW	2	o	*	37	30	–	*	–
	Hernösand ...	29.59	38	S	2	b	?		39	39	+8	S	6	s	*	41	28	–	*	0.04
	Stockholm ...	29.81	41	SW	4	o	29.54	-.45	41	41	0	SW	4	o	*	45	36	–	*	0.04
	Wisby	29.91	42	W	4	o	29.63	-.44	44	43	+1	W	6	o	*	45	41	–	*	–
	Karlstad	29.72	43	SW	6	o	29.45	-.50	42	41	-2	SSW	4	b	*	*	*	o, r	*	0.04
	Færder (Christiania Fjord)	29.61	45	S	6	r	29.41	-.49	44	42	-3	SW	6	c	3	47	44	–	*	0.12
	Bodö †	29.53	42	SE	4	r	29.21	-.38	42	40	0	S	2	r		43	39	–	*	0.20
	Christiansund ...	29.43	42	SW	3	r	29.25	-.35	40	39	-3	N	0	c	2	46	37	–	*	0.20
	Skudesnaes ...	29.59	46	WNW	4	bc	29.40	-.38	45	42	-3	W	8	r	5	48	41	r, bc	*	*
BRITISH ISLANDS.	Sumburgh Head	29.39	44	WSW	4	c	29.50	-.01	43	38	-3	NW	6	c	6	46	40	cp, c	*	0.12
	Stornoway ...	29.55	49	WNW	3	o	29.79	+.26	44	40	+1	WNW	4	o	4	50	40	bcrg, o	3.7	0.13
	Malin Head ...	29.78	49	WNW	8	bcgp	29.92	+.18	51	50	+4	WNW	7	rm	6	51	45	c, bcgp	*	0.25
	Blacksod Pt. ...	30.00	50	WNW	5	bcgp	30.12	+.20	52	52	+5	WNW	5	cpm	5	52	46	bcgp	*	0.12
	Valencia	30.17	51	WSW	5	o	30.27	+.21	50	49	0	SW	3	cm	4	52	49	o	1.8	0.01
	Roche's Point ...	30.16	50	W	3	c	30.25	+.17	51	49	+7	WSW	2	o	1	52	44	c	*	–
	Parsonstown ...	30.06	47	W	2	c	30.17	+.19	50	49	+9	WSW	2	crm	*	53	41	cp	3.0	0.04
	Donaghadee ...	29.89	46	WSW	3	b	29.98	+.09	53	52	+14	WNW	4	cg	3	53	?39	–	*	0.06
	Liverpool Obsy.	29.99	46	W	5	r	30.02	+.10	51	49	+5	W	7	o	5	51	45	r, bc, r	*	0.02
	Holyhead ...	30.02	50	WSW	6	cup	30.08	+.13	53	52	+7	WNW	7	cgm	5	53	44	bc, cpu	*	–
	Pembroke (St. Ann's)	30.11	53	W	5	o	30.20	+.19	53	51	+2	W	6	cg	4	53	49	c, g	4.8	–
	Scilly (St. Mary's)...	30.20	53	W	4	o	30.30	+.22	53	50	-1	WNW	5	o	5	55	50	c, o	1.6	–
	Jersey (St. Aubins)...	30.18	52	WNW	3	cg	30.31	+.28	52	48	-1	WNW	4	c	3	58	50	cp, cg	0.1	0.03
	Portland Bill ...	30.13	51	WNW	5	c	30.23	+.17	52	50	-2	WNW	5	c	4	56	49	bc, c	*	0.01
	Dungeness ...	30.08	50	W	3	c	30.18	+.11	47	45	-7	NW	4	bc	2	55	42	cp	0.1	0.03
	Wick	29.53	40	NW	3	bc	29.67	+.12	41	40	0	N	3	c	2	46	37	bc, rsp	*	0.30
	Nairn	29.60	40	W	3	b	29.77	+.14	42	40	+2	W	3	bcp	1	45	38	–	*	0.16
	Aberdeen ...	29.65	41	SW	4	b	29.78	+.09	42	39	+5	WSW	3	b	2	48	37	b	5.2	–
	Leith	29.74	45	SW	2	b	29.86	+.10	48	45	+5	W	2	c	*	50	41	p, b	*	0.01
	North Shields ...	29.81	47	WSW	2	c	29.88	+.06	50	48	+5	W	3	c	2	50	44	c, p	*	–
	Spurn Head ...	29.94	47	SW	5	bc	29.96	+.08	48	47	+1	SW	5	op	4	50	43	–	*	0.02
	Yarmouth ...	29.97	46	WNW	3	o	30.01	+.02	45	43	-1	WSW	3	cm	3	53	40	r, of	*	0.08
	Nottingham ...	29.99	45	SW	1	b	30.03	+.12	47	46	-2	WSW	2	r	*	50	44	b	3.6	0.11
	Oxford	30.13	43	WSW	2	o	30.15	+.14	46	44	-5	WSW	3	c	*	54	42	bc, p, o	*	–
	London (Brixton)...	30.08	45	WNW	1	b	30.15	+.13	46	44	-5	W	2	o	*	56	40	p, om, b	0.1	0.05
GERMANY, &c.	The Scaw (Skagen)	29.65	46	SW	6	r	29.54	-.45	43	41	-2	WSW	3	bc	1	46	43	–	*	0.12
	Fanö	29.80	47	WNW	3	b	29.73	-.33	47	44	+1	W	6	b	*	50	45	–	*	0.12
	Cuxhaven ...	29.94	46	SSW	5	r	29.87	-.26	45	44	+1	SW	5	o	*	48	44	–	*	0.08
	The Helder ...	29.93	50	NW	3	b	29.97	-.07	51	48	+10	WNW	5	c	4	52	41	–	*	0.32
	Brussels	*	*	*	*	*	30.17	-.02	41	41	+4	WSW	1	o	*	51	37	–	*	0.08
	Berlin	30.06	41	S	2	b	29.97	-.26	45	44	+2	W	3	bc	*	46	39	–	*	0.04
	Frankfürt ...	30.19	39	SW	2	o	30.16	-.14	46	44	+10	SW	2	o	*	46	36	–	*	0.08
	Munich	30.25	34	SE	2	b	30.21	-.13	42	40	+16	SW	3	r	*	48	26	–	*	–
FRANCE.	C. Gris Nez ...	30.05	52	SW	5	c	30.12	+.04	50	47	+4	W	6	b	5	57	46	–	*	0.08
	Brest	30.25	51	N	3	c	30.34	+.18	53	48	-3	NNW	2	o	2	59	50	–	*	–
	Lorient	30.20	57	WNW	3	o	30.38	+.21	51	50	-6	NNW	2	o	2	61	48	–	*	0.08
	Rochefort ...	30.25	58	NW	2	o	30.32	+.13	53	52	+3	N	3	c	*	59	50	o	*	–
	Biarritz	30.36	60	W	1	o	30.39	+.13	57	55	-3	SSW	3	o	o	64	45	–	*	–
	Paris	30.20	50	SW	2	o	30.27	+.03	45	44	+10	WSW	2	o	*	51	35	–	*	–
	Belfort	30.23	45	WSW	3	m	30.23	-.08	44	44	+9	WSW	3	f	*	56	35	–	*	–
	Lyons	30.32	47	NW	1	bc	30.35	-.02	45	44	+11	E	1	o	*	56	34	–	*	–
	Nice	30.19	50	ENE	5	bc	30.12	-.20	46	44	-1	E	2	c	2	59	45	–	*	–
	Perpignan ...	30.28	50	N	0	bc	30.31	.00	57	54	+11	W	2	c	*	64	46	–	*	–
SPAIN, PORTUGAL, &c.	Corunna																		*	
	Lisbon	30.30	65	NE	4	b	30.36	+.30	58	56	-2	NE	4	b	*	70	57	–	*	–
	Azores (P. Delgada)	29.99	63	NNE	3	b	29.88	-.17	65	63	+1	E	4	m	4	70	61	–	*	–
	" (Horta) ...	30.02	63	N	0	b	29.91	-.20	60	58	-3	NW	1	b	1	68	59	–	*	–

NOTE: *The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster: the Sunshine entered to Dungeness is recorded at Littlestone-on-Sea.*

* *Observations for this column not generally received.*

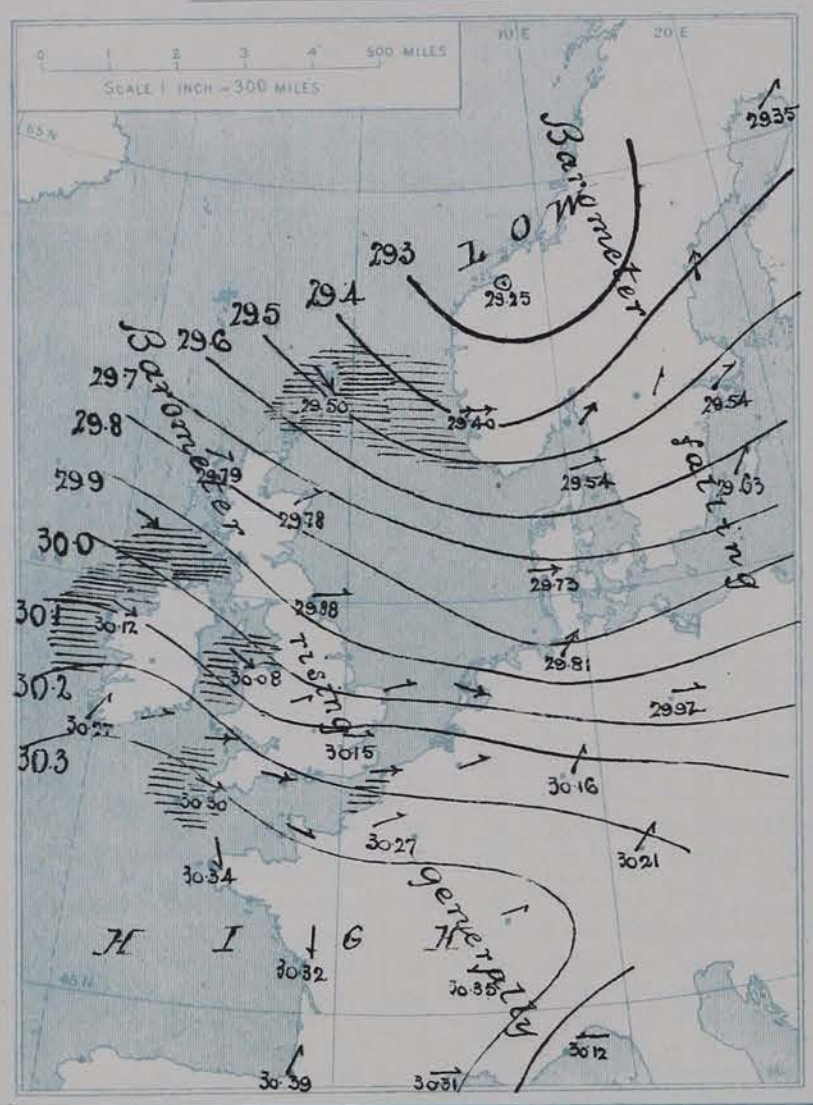
† *Observations received too late for insertion in Charts on next page.*

WEATHER CHARTS

FOR *Tuesday, 10th November,* 1903.

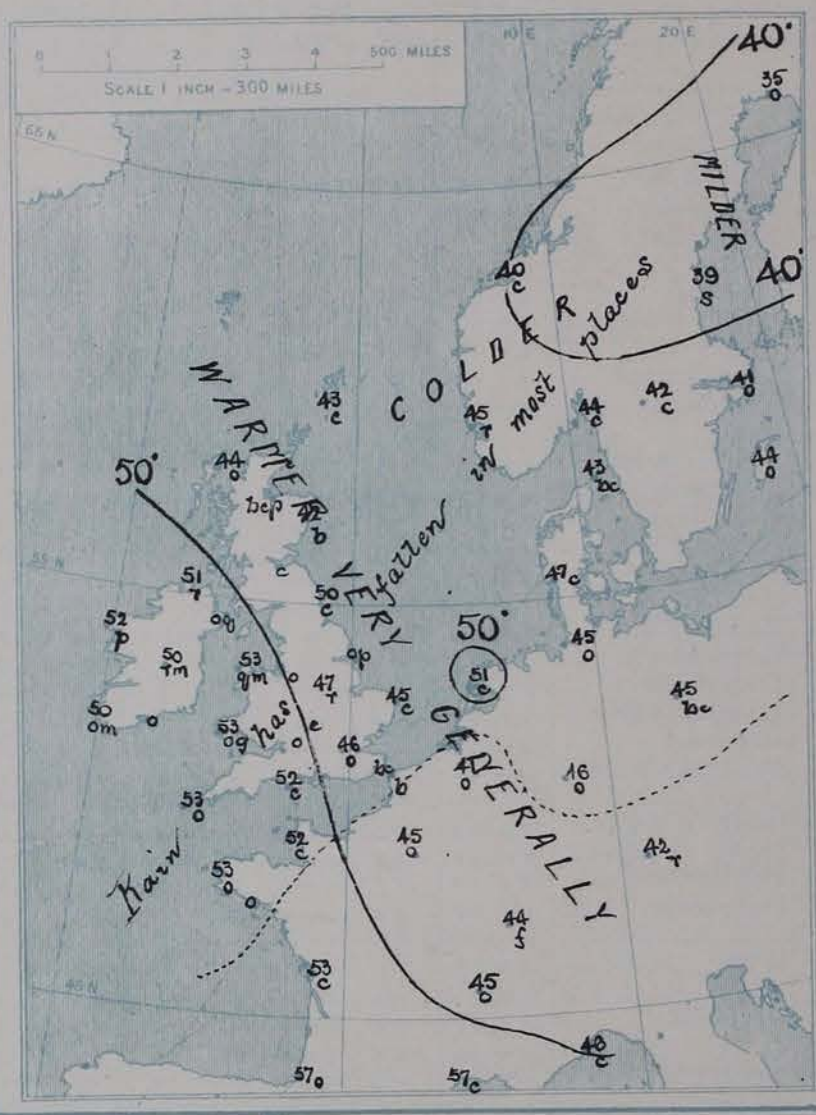
I. BAROMETER, WIND AND SEA. *This Morning.*

BAROMETER.—Isobars are drawn for each tenth of an inch.
WIND.—Arrows show Directions and Force, flying with the wind.
Force above 10 — *Force 8 to 10* — *Force 5 to 7* — *Force 1 to 4* — Calm ⊙
SEA.—Rough — *High*



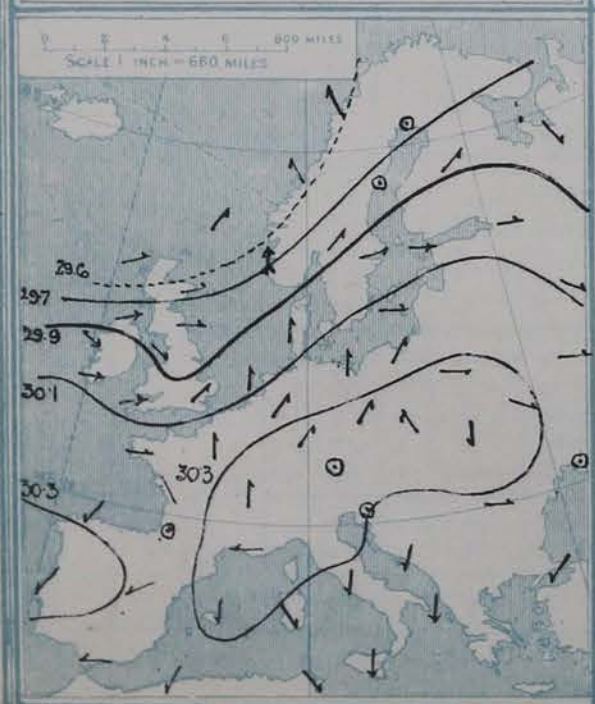
II. TEMPERATURE AND WEATHER. *This Morning.*

TEMPERATURE.—Isotherms are drawn for each 10°.
WEATHER.—Shown by Letters of the Beaufort Scale. *(See P. 4.)*
RAINFALL.—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus – 0·6



III. BAROMETER AND WIND

Yesterday morning.



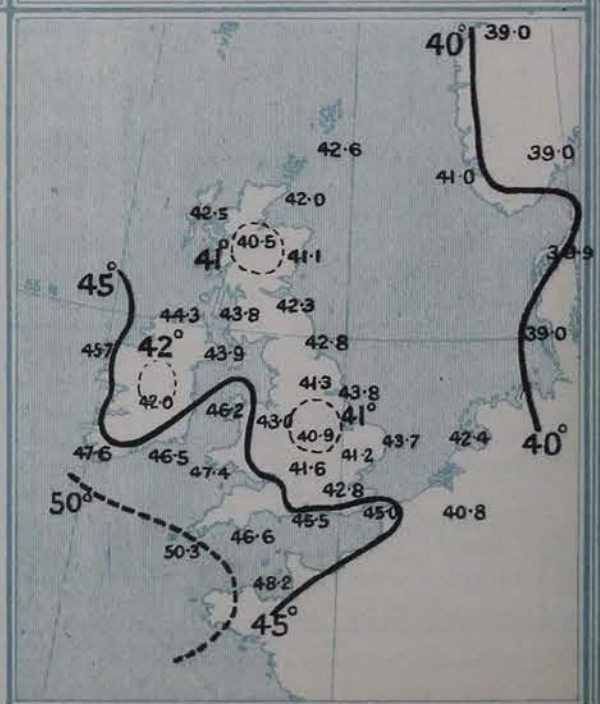
IV. GREATEST AND LEAST MONTHLY RAINFALL IN NOVEMBER

During the 32 Years 1871–1902.

Specimen for LONDON { *Greatest Rainfall* 4·23 (IN 1898); *Least ... Do.* 0·43 (IN 1871)

V. *Means of* DAILY TEMPERATURE

at 8 A.M. for the monthly period NOVEMBER. *(1871–1900.)*



GENERAL SITUATION AT 8 A.M.

PRESSURE

The anticyclone which covered our Islands during the past week, has receded to the southeast of our area, and a rather deep disturbance is now shown over the northern Atlantic. Pressure ranges from 30.34 ins. at Munich to 29.51 ins. at Sumburgh Head, and 29.59 ins. at Bodö. A "Secondary" to the main disturbance at present lies over our Midland counties.

WIND

TEMPERATURE

WEATHER

AND

SEA

The wind is generally SW^ly over the whole of northwestern Europe, but in the rear of the above mentioned secondary it has veered to the west or northwest. The intensity of the wind is moderate generally, but in the west of Ireland and Scotland it is blowing strongly. Gales were experienced in those districts during yesterday. Cloudy or dull weather prevails over the greater part of the three Kingdoms; only in the east of Scotland is it fair. The secondary is causing showers in many parts of eastern England. Showers are also reported from the northwest of Ireland. On the Continent, nearer the centre of high pressure, the weather is also dull, with mist or fog in many places. Some remarkable changes of temperature have occurred during the past 24 hours. A cold W^ly wind has made its influence felt in the north, at Aberdeen the maximum temperature 50°. occurred during the night, and the minimum for the 24 hours, 37°, is the present reading. In the south after a cold clear night (in London the minimum on the grass fell to 30°), a warm SW^ly wind has set in, the present temperature being 51°. At Lorient the reading is as high as 57°. Some low readings are reported from the anticyclonic region in the southeast, Munich, 26°. The sea is rough on the west coast of Ireland, moderate in the north of Scotland, slight or smooth elsewhere.

During the past 24 hours, rain fell at almost all our stations, the amounts being largest in the extreme west and northwest. The amount of sunshine was generally very small; at some of our southern and southwestern stations it reached as much as 3½ hours. Jersey 7 hours.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The small secondary disturbance is passing eastward over England, and will cause dull, showery weather in our eastern counties. In its rear some improvement in the weather may be expected, but the distribution of pressure is favourable to the advance of further disturbances. A fresh fall of the barometer has already set in in the extreme northwest.

FORECASTS*

For the 24 hours ending at NOON on 10th November, 1903

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	W^ly to SW^ly winds, strong in the west; fair at first, some rain later.	6 SCOTLAND WEST	Strong W^ly winds; some rain
1 SCOTLAND EAST		7 ENGLAND N.W.	W^ly to SW^ly winds, moderate or fresh; some showers.
2 ENGLAND N.E.	W^ly to SW^ly winds, moderate or fresh; dull, some showers, improving temporarily later	8 ENGLAND S.W	
3 ENGLAND EAST		9 IRELAND NORTH	Same as No. 6.
4 MIDLAND COUNTIES		10 IRELAND SOUTH	W^ly to SW^ly winds, fresh or strong; unsettled, some rain.
5 ENGLAND SOUTH		WARNINGS	At 10.0 a.m. today to district 1 and part of 0 "Lower Cone." The signals are still flying in districts 6, 9 and part of 0.

Note.—The **South Cone**, *point downwards* (▼), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.

The **North Cone**, *point upwards* (▲), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

* *For terms for transmission of Forecasts by Telegraph; see next page.*

ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	Yesterday 6 p.m.					This Morning 8 a.m.									Past 24 Hours.				
	Bar. Ins.	Temp. °	Wind Direc^n	Wind Force	Weather.	Barometer. Ins.	Barometer. Change	Temperature Dry.	Temperature Wet.	Temperature Change	Wind Direc^n	Wind Force	Weather.	Sea.	Temperature Max.	Temperature Min.	Weather	Sunshine. Hrs.	Rainfall Ins.
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	0	*	52	44	0	0·0	–
Bath	30·26	44	E	1	C	30·00	– ·30	53	52	+·16	SW	2	0	*	54	36	–	3·5	0·02

REPORTS FOR YESTERDAY.

STATIONS.	Temperture F. Max.	Temperture F. Min.	Weather.	Sunshine Hrs.	Rainfall. Ins.	STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Sunshine Hrs.	Rainfall. Ins.
Southport, to 9 p.m.... ...	47°	37°	m, c, o	0·7	–	Broadstairs...	*	*	*		*
Rhyl, to 6 p.m....	*	*	*	2·0	*	Margate	48	43	m, b	0·0	–
Llandudno...	*	*	*	0·6	*	Lowestoft, to 6 p.m.... ...					
Aberystwyth, to 6 p.m. ...	52	40	c, o	3·0	–	Skegness	*	*	*	0·0	*
Plymouth, to 9 p.m.... ...						Scarborough, to 6 p.m. ...	47	*	*	0·0	*
Worthing	*	*	*	3·3	*	Harrogate, to 6 p.m. ...	45	27	m, bw, om	0·0	–
Brighton	51	*	*	3·2	*	Manchester, to 9 p.m. ...					
Eastbourne, to 6 p.m. ...	52	*	*	2·0	*	Darwen, to 7 p.m.	49	36	o, c, m	1·3	–
Hastings	*	*	*	1·2	*	Birmingham, to 9 p.m. ...	45	38	o, b	0·2	–

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

STATIONS. 8th Novr 1903.	Temperature, F. Max.	Temperature, F. Min.	Weather.	Rain. Ins.	STATIONS.	Temperature, F. Max.	Temperature, F. Min.	Weather.	Rain. Ins.
Obsns not rec^d									
Copenhagen					Algiers		*		
Utrecht...					Tunis		*		
Groningen					Madeira (Funchal)		*		
Vienna					7th Novr 1903.	1 p.m.	*	1 p.m.	Measured 7 a.m.
Marseilles					Geneva	45	*	m	–
Florence					Berne	41	*	o	–
Rome					Coire	45	*	b	–
Naples					Castasegna	52	*	b	–
Palermo					Lugano	54	*	b	–
Malta					Davos	45	*	b	–

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

COUNTRIES, &c.	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles, Belgium† ...	8 a.m. (West European)	8 a.m.	6 p.m.‡ (W.E.T.)	6 p.m.
Holland	8 a.m. (,, ,,)	8 a.m.	7 p.m. (W.E.T.)	7 p.m.
Germany, Denmark, Norway, Sweden	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
France	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.
Spain	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)	6 p.m.
Portugal	8 a.m. (Lisbon)	8.36 a.m.	3.23 p.m. (Lisbon)	4 p.m.
Azores { Ponta Delgada	6 a.m. (Local)	7.43 a.m.	9 p.m. (Local)	10.43 p.m.
Azores { Horta	6 a.m. (Local)	7.55 a.m.	9 p.m. (Local)	10.55 p.m.

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM, TO-DAY.

9th Novr 1903.	Sunrise G.M.T.	Noon G.M.T	Sunset G.M.T.
Yarmouth	7·4	11·37	4·10
Greenwich	7·9	11·44	4·19
Wick	7·49	11·56	4·3
Valencia	7·51	12·25	4·59

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FORECASTS OF WEATHER for one day in advance are drawn up at the Meteorological Office at 11 a.m., and between 7 and 8 p.m. The latest forecast can be had by Reply Telegram, on paying at any Post Office in the United Kingdom **Sixpence in addition to the cost of the inquiry and reply Telegrams.** Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application to the Meteorological Office, 63, Victoria Street, S.W., either personally or by post.

† The evening observations in Belgium are not given on page 1.

‡ At Oxford the observations are taken at 8 p.m.

DAILY WEATHER REPORT

for 8 a.m. on Wednesday, 11th November 1903.

Issued by the METEOROLOGICAL OFFICE, 63, Victoria Street, London. W. N. SHAW, *Secretary.*

	STATIONS.	YESTERDAY EVENING. (See note on last page.) Barom. At 32° and M.S.L. Ins.	Temp. Dry Bulb. °	Wind. Direc.	Wind. Force (0 to 12.)	Weather	THIS MORNING. (See note on last page.) Barometer. At 32° Fahr. and M.S.L. Ins.	Barometer. Change since Yesterday. Ins.	Temperature. Dry Bulb. °	Temperature. Wet Bulb. °	Temperature. Change since Yesterday. °	Wind. Direc.	Wind. Force (0 to 12.)	Weather	Sea (0 to 9.)	PAST 24 HOURS. Temp. Max. °	Temp. Min. °	Weather	Sunshine. Hours.	Rainfall. Ins.
SCANDINAVIA.	Haparanda ...	29.16	39	S	2	0	29.30	−.05	36	35	+ 1	S	2	f	*	39	34	–	*	0.16
	Hernösand ...	29.26	37	Z	0	3	29.53	+.19	39	35	0	NW	4	3	*	43	36	–	*	0.12
	Stockholm ...	29.38	40	Z	0	0	29.53	−.01	34	33	− 7	N	2	3	*	45	34	–	*	–
	Wisby	29.43	43	W	2	r	29.46	−.17	43	41	− 1	N	4	0	*	45	41	–	*	0.04
	Karlstad	29.36	39	Z	0	r	29.72	+.27	36	33	− 6	NW	2	3	*	*	*	–	*	0.04
	Færder (X'iania Fjord)	29.36	43	NW	4	0	29.77	+.36	41	36	− 3	NW	2	3	3	45	39	–	*	–
	Bodö	29.29	40	W	4	c	29.57	+.36	39	37	− 3	N	4	c	2	42	37	–	*	0.35
	Christiansund ...	29.51	42	SW	3	c	29.90	+.65	41	39	+ 1	N	5	c	4	42	39	–	*	0.32
	Skudesnaes ...	29.62	44	NNW	9	c	29.99	+.59	43	42	− 2	N	4	c	4	46	39	o, c, o	*	*
BRITISH ISLANDS.	Sumburgh Head	29.81	40	NW	6	c	30.10	+.60	40	38	− 3	N	1	c	4	44	38	o, c	*	0.04
	Stornoway ...	30.04	43	NW	5	0	30.10	+.31	48	48	+ 4	W	2	o	2	49	36	o	0.0	0.02
	Malin Head ...	30.11	50	W	6	omp	30.21	+.29	49	49	− 2	SW	4	of	3	52	49	r, omp	*	0.05
	Blacksod Pt. ...	30.21	51	W	4	c	30.24	+.12	51	50	− 1	SSW	4	3c	3	53	49	cm, c	*	0.04
	Valencia	30.31	51	SW	2	0	30.32	+.05	50	49	0	S	2	op	4	53	49	o	0.0	0.05
	Roche's Point ...	30.31	52	NW	2	0	30.36	+.11	47	47	− 4	Z	0	f	0	54	46	o	*	–
	Parsonstown ...	30.28	50	W	2	0	30.33	+.16	47	46	− 3	SW	1	ou	*	52	45	r, o	0.0	0.02
	Donaghadee ...	30.11	53	WNW	4	0	30.28	+.30	47	46	− 6	WNW	2	c	3	54	45	–	*	–
	Liverpool Obsy.	30.13	49	W	6	0	30.30	+.28	50	48	− 1	W	3	o	3	53	49	op	*	0.02
	Holyhead ...	30.18	53	WNW	7	ogmdp	30.31	+.23	50	49	− 3	WNW	3	om	2	54	49	o, f, pq	*	0.02
	Pembroke (St. Ann's)	30.25	53	W	6	0	30.33	+.13	52	49	− 1	WNW	4	og	3	54	49	–	0.1	–
	Scilly (St. Mary's)...	30.35	54	WNW	4	omp	30.38	+.08	52	50	− 1	WSW	2	omp	4	54	49	o, omp	0.0	0.01
	Jersey (St. Aubins)...	30.35	52	WNW	3	ogmd	?	?	52	51	0	WNW	3	cd	3	56	51	c, ogdm	1.0	0.04
	Portland Bill ...	30.26	53	WNW	5	c	30.35	+.12	52	50	0	WNW	3	c	2	54	51	c	*	–
	Dungeness ...	30.18	53	W	4	c	30.31	+.13	52	51	+ 5	NW	1	og	2	55	?47	c	1.0	–
	Wick	29.97	40	N	4	0	30.12	+.45	38	38	− 3	W	2	3c	1	45	34	–	*	0.05
	Nairn	30.03	43	W	2	c	30.13	+.36	42	41	0	W	1	o	1	49	36	–	*	–
	Aberdeen ...	30.00	43	NW	4	3c	30.21	+.43	38	37	− 4	WSW	2	3cm	2	49	35	g, p, 3c	5.3	0.02
	Leith	29.98	50	W	2	0	30.24	+.38	50	49	+ 2	WSW	1	om	*	52	45	–	*	–
	North Shields ...	29.97	49	NW	3	0	30.23	+.35	46	46	− 4	Z	0	odm	2	52	45	r, o	*	0.01
GERMANY, &c.	Spurn Head ...	30.00	52	W	5	0	30.26	+.30	47	46	− 1	Z	0	o	2	53	45	–	*	–
	Yarmouth ...	30.01	53	WNW	5	c	30.25	+.24	47	45	+ 2	WNW	3	cf	3	53	44	c, r	*	0.22
	Nottingham ...	30.10	53	W	4	0	30.28	+.25	52	50	+ 5	W	1	c	*	54	46	c, o	0.0	0.01
	Oxford	30.21	51	SE	2	0	30.34	+.19	50	50	+ 4	W	1	o	*	54	46	o	*	–
	London (Brixton)...	30.15	52	WNW	2	3c	30.30	+.15	52	50	+ 6	WSW	1	o	*	55	45	om, 3c	2.6	–
	The Scaw (Skagen)	29.44	45	NW	5	3c	29.79	+.25	46	41	+ 3	N	4	3	1	46	41	–	*	0.12
	Fanö	29.73	42	W	9	c	29.91	+.18	46	44	− 1	NW	6	r	*	50	41	fq, c	*	0.16
	Cuxhaven ...	29.82	47	W	5	c	29.97	+.10	47	44	+ 2	NW	7	crq	*	48	43	–	*	0.12
	The Helder ...	29.94	51	NW	4	r	30.19	+.22	49	44	− 2	NNW	4	c	3	54	46	–	*	0.12
	Brussels	*	*	*	*	*	30.28	+.11	47	47	+ 6	NW	1	o	*	51	41	–	*	0.12
	Berlin	29.82	47	SW	4	0	29.84	−.13	41	39	− 4	WNW	5	3c	*	48	37	–	*	0.20
	Frankfürt ...	30.10	48	W	3	0	30.18	+.02	46	42	0	NW	3	o	*	52	46	–	*	0.04
	Munich	30.24	41	W	5	0	30.08	−.13	41	41	− 1	W	7	r	*	48	41	–	*	0.16
FRANCE.	C. Gris Nez ...	30.13	52	WSW	5	0	30.26	+.14	53	51	+ 3	N	3	o	4	54	50	–	*	–
	Brest	30.40	53	NW	2	0	30.43	+.09	53	50	0	NW	2	o	2	54	52	–	*	–
	Lorient	30.40	53	NW	2	0	30.44	+.06	52	50	+ 1	N	2	o	2	57	50	–	*	–
	Rochefort ...	?30.43	53	N	3	0	?30.46	+.14	49	47	− 4	NNE	3	c	*	57	45	o	*	–
	Biarritz	30.40	59	NW	1	0	30.45	+.06	51	49	− 6	ESE	2	o	4	63	48	–	*	–
	Paris	30.32	50	WSW	2	c	30.33	+.06	52	51	+ 7	NW	3	o	*	55	45	–	*	–
	Belfort	30.30	43	WSW	5	0	30.27	+.04	42	42	− 2	WSW	2	r	*	48	39	–	*	0.28
	Lyons	30.35	48	N	1	3c	30.40	+.05	46	44	+ 1	NNW	1	o	*	55	41	–	*	0.04
	Nice	30.11	52	Z	0	3	30.08	−.04	51	43	+ 5	Z	0	c	0	61	46	–	*	–
	Perpignan ...	30.26	61	NW	3	0	30.26	−.05	53	48	− 4	W	5	3c	*	65	51	–	*	–
SPAN. PEN.	Corunna																		*	
	Lisbon	30.30	63	NNE	4	3	30.28	−.08	58	54	0	NE	4	3	*	73	55	–	*	–
	Azores (P. Delgada)	29.86	67	ESE	5	0	29.88	.00	66	64	+ 1	SE	4	o	4	70	65	–	*	0.04
	" (Horta) ...	29.84	64	Z	0	3c	29.87	−.04	64	61	+ 4	NNE	4	r	2	70	60	–	*	0.08

NOTE: *The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster: the Sunshine entered to Dungeness is recorded at Littlestone-on-Sea.*

* *Observations for this column not generally received.*

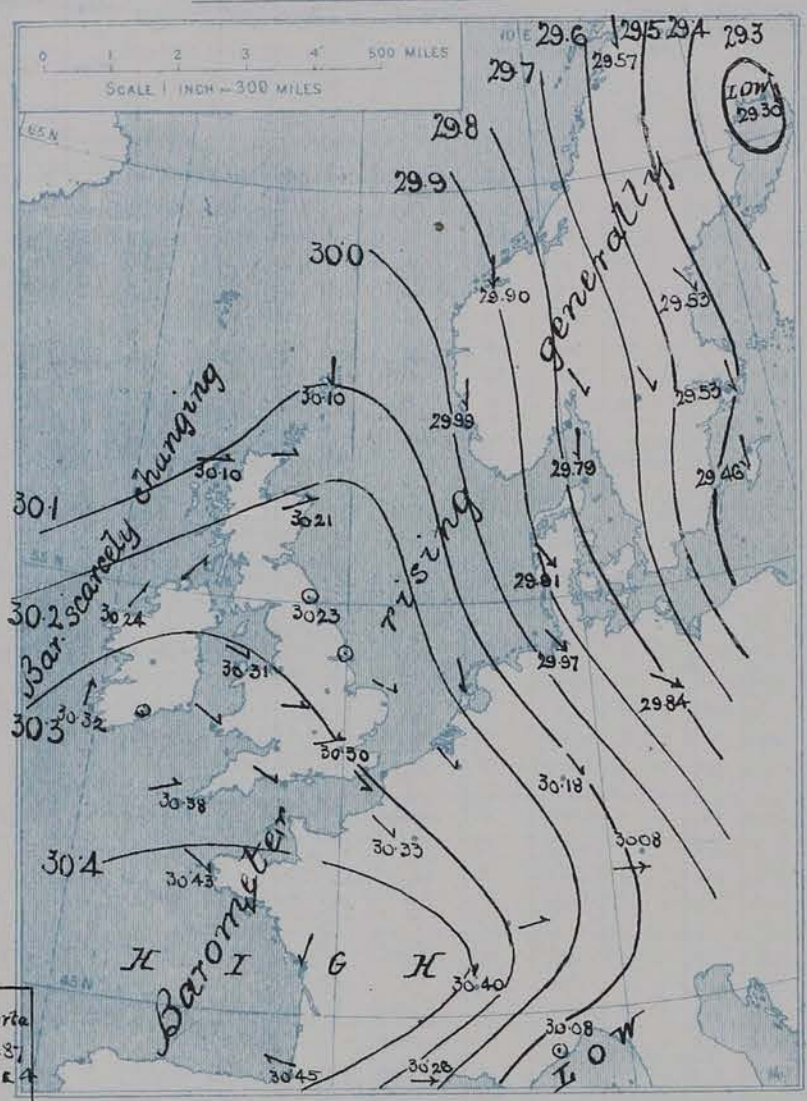
† *Observations received too late for insertion in Charts on next page.*

WEATHER CHARTS

FOR Wednesday, 11th November, 1903.

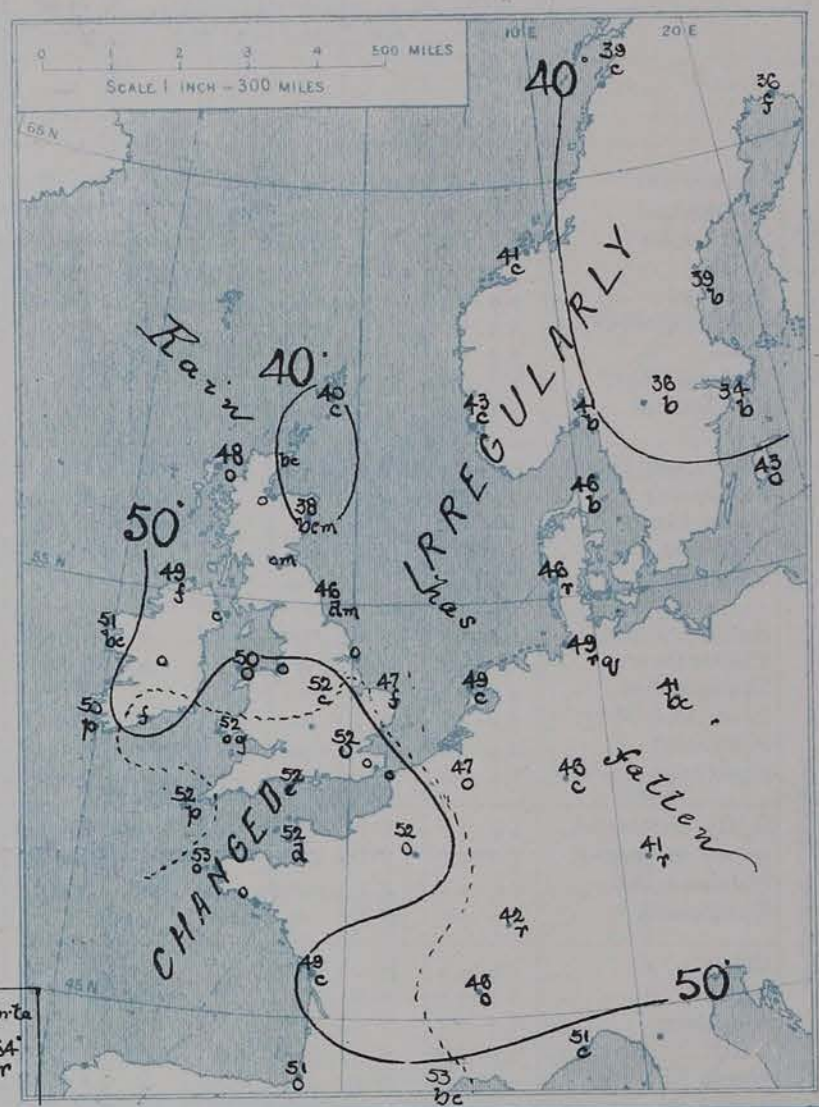
I. BAROMETER, WIND AND SEA. *This Morning.*

BAROMETER.—Isobars are drawn for each tenth of an inch.
WIND.—Arrows show Directions and Force, flying with the wind.
Force above 10 — *Force 8 to 10* — *Force 5 to 7* — *Force 1 to 4* — } Calm ⊙
SEA.—Rough — *High*



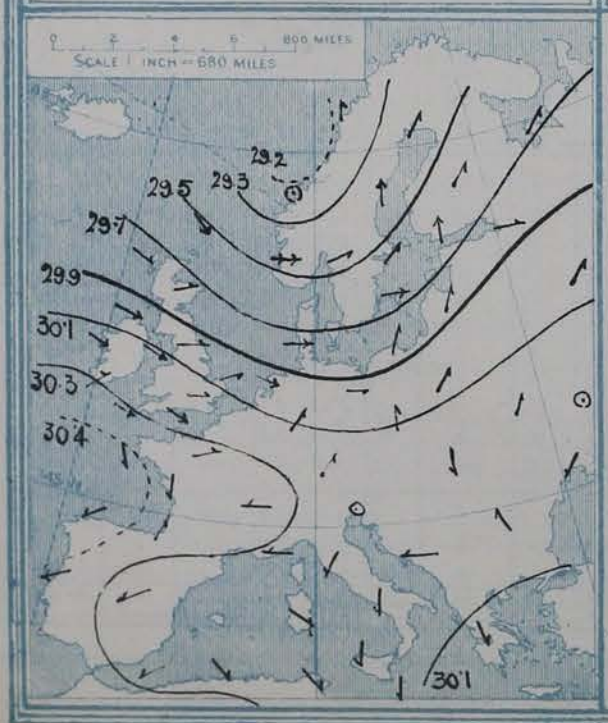
II. TEMPERATURE AND WEATHER. *This Morning.*

TEMPERATURE.—Isotherms are drawn for each 10°.
WEATHER.—Shown by Letters of the Beaufort Scale. *(See P. 4.)*
RAINFALL.—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus – 0·6



III. BAROMETER AND WIND

Yesterday morning.



IV. GREATEST AND LEAST MONTHLY RAINFALL IN NOVEMBER

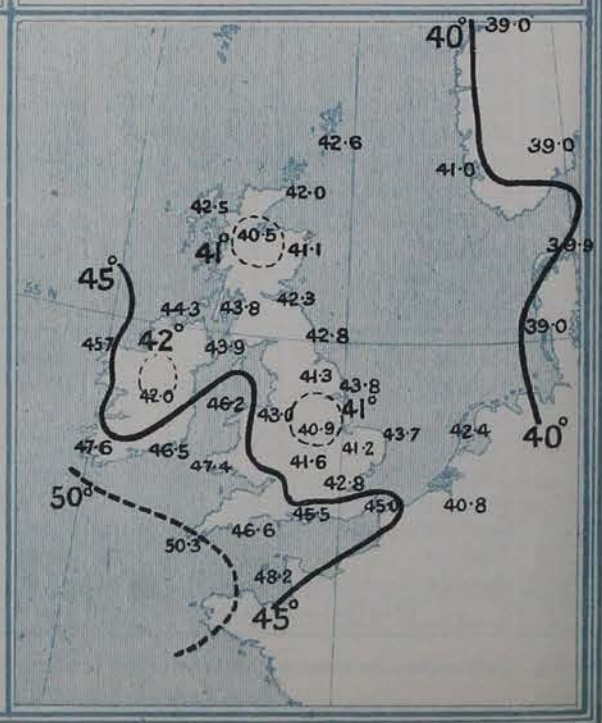
During the 32 Years 1871–1902.

Specimen for LONDON { *Greatest Rainfall* 4·23 (in 1896) / *Least* ... *Do.* ... 0·43 (in 1871)

V. *Means of* DAILY TEMPERATURE

at 8 A.M. for the monthly period

NOVEMBER. *(1871–1900.)*



GENERAL SITUATION AT 8 A.M.

PRESSURE

A fresh anticyclone has appeared over the Bay of Biscay, the highest readings reported this morning being those from the west coast of France, where the barometer stands slightly below 30·4 ins. The centre of low pressure has travelled eastward, and is now to be found over Scandinavia (Christiansund 29·25 ins.) There is thus a rather steep gradient for W^ly or WNW^ly winds over our Islands. A very small secondary disturbance is shown in the neighbourhood of Nottingham.

WIND

A wind from a point slightly to the north of W prevails at the majority of our stations, and at exposed places in the northwest it is blowing with the force of a moderate gale. Further to the east, over Germany, the wind is more W^ly, and in the east of Scandinavia it becomes SW^ly or S^ly. The anticyclone extends its influence over the west of France, and here the winds are light and N^ly in direction.

TEMPERATURE

WEATHER

AND

SEA

The weather is fair but cloudy generally, but showers are reported from several stations. In the north of Ireland it is raining. On the Continent dull conditions prevail generally with rain in places and snow at Hernösand. In our Islands temperature has risen in the west and north, fallen in the south and east, readings now vary between 41° at Wick and 53° at Donaghadee and the southwest of England. On the Continent the anticyclonic conditions which prevailed in the southeast of our area yesterday morning have given way, and the W^ly to SW^ly wind which has set in has been accompanied by considerable rise in temperature. Over Scandinavia there has been little change. The sea is rather rough in the Irish Sea and on the west and north coasts of Ireland and Scotland. A ground swell from the west is reported from Scilly.

During the past 24 hours showers fell at almost all stations in the United Kingdom; sleet is reported from Wick. Temperature rose to 58° at Jersey during the day, the highest reading reported from Great Britain was 56° in London, and the lowest 37° at Wick and Aberdeen. The amount of bright sunshine varied from 0 to 6 hours.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

Fair weather may be expected over the south and southeast of England, but the small secondary disturbance noticed above, will cause showers further north. A backing wind at Valencia and a fall of the barometer at the Azores indicate the early approach of a fresh disturbance which will probably affect our northwestern districts within the ensuing 24 hours.

FORECASTS*

For the 24 hours ending at NOON on 11th November, 1903

DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	NW^ly winds, moderate or fresh; backing later; fair, with some showers.
1 SCOTLAND EAST	
2 ENGLAND N.E.	W^ly to SW^ly winds, moderate; some showers at first, fair later.
3 ENGLAND EAST	
4 MIDLAND COUNTIES	
5 ENGLAND SOUTH	Moderate W^ly winds; fair generally.
6 SCOTLAND WEST	Same as Nos. 0 & 1.
7 ENGLAND N.W.	Strong W^ly winds, backing and moderating; showery, fair intervals.
8 ENGLAND S.W.	W^ly to SW^ly winds, fresh; fair, less settled tomorrow.
9 IRELAND NORTH	W^ly to SW^ly winds, fresh to strong; unsettled, some rain. Fair intervals today.
10 IRELAND SOUTH	
WARNINGS	None issued.

Note.—The **South Cone**, *point downwards* (▼), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.

The **North Cone**, *point upwards* (▲), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

* *For terms for transmission of Forecasts by Telegraph, see next page.*

ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	Yesterday 6 p.m.					This Morning 8 a.m.									Past 24 Hours.				
	Bar. Ins.	Temp. °	Wind Direc^n	Wind Force	Weather.	Barometer. Ins.	Barometer. Change	Temperature Dry.	Temperature Wet.	Temperature Change	Wind Direc^n	Wind Force	Weather.	Sea.	Temperature Max.	Temperature Min.	Weather	Sunshine. Hrs.	Rainfall Ins.
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	0	*	53	40	o, pb	0·0	0·16
Bath	30·13	45	SW	1	b	30·19	+·19	50	48	− 3	W	3	0	*	55	43	–	3·0	0·02

REPORTS FOR YESTERDAY.

STATIONS.	Temperture F. Max.	Temperture F. Min.	Weather.	Sunshine Hrs.	Rainfall. Ins.	STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Sunshine Hrs.	Rainfall. Ins.
Southport, to 9 p.m.... ...	53°	45°	cr, bcp, cq	4·7	0·20	Broadstairs...	*	*	*	0·0	*
Rhyl, to 6 p.m.	*	*	*	6·4	*	Margate	55	38	r, o	0·0	–
Llandudno	*	*	*	5·5	*	Lowestoft, to 6 p.m.... ...					
Aberystwyth, to 6 p.m. ...	52	48	r, c	4·0	0·11	Skegness	*	*	*	2·7	*
Plymouth, to 9 p.m.... ...	55	49	od, bc	2·1	0·01	Scarborough, to 6 p.m. ...	49	*	*	4·6	*
Worthing	*	*	*	0·1	*	Harrogate, to 6 p.m. ...	50	41	o, w, bc, r	4·5	0·08
Brighton	56	*	*	0·7	*	Manchester, to 9 p.m. ...	52	45	r, c, bc, p	2·7	0·11
Eastbourne, to 6 p.m. ...	56	*	*	0·0	*	Darwen, to 9 p.m.	47	42	or, c, rh, omu	4·2	0·28
Hastings	*	*	*	0·0	*	Birmingham, to 9 p.m. ...	50	39	o, c, b	3·1	0·08

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

STATIONS. 9th Nov.r 1903.	Temperature, F. Max.	Temperature, F. Min.	Weather.	Rain. Ins.	STATIONS.	Temperature, F. Max.	Temperature, F. Min.	Weather.	Rain. Ins.
Copenhagen	46	41	o, m	–	Algiers	68	61	c, o	–
Utrecht...	46	34	o, f	–	Tunis	70	52	o, m	–
Groningen	46	39	o, f	–	Madeira (Funchal)	72	61	o, o	–
Vienna	50	39	c, o	–	8th Nov.r 1903	1 p.m.	*	1 p.m.	Measured 7 a.m.
Marseilles	64	45	b, c	–	Geneva		*	obsr.s not	
Florence	59	37	b, b	–	Berne		*	rec.d	
Rome	63	42	b, b	–	Coire		*		
Naples	58	48	b, b	–	Castasegna		*		
Palermo	67	54	o, o	–	Lugano		*		
Malta	65	56	c	–	Davos		*		

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

COUNTRIES, &c.	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles, Belgium† ...	8 a.m. (West European)	8 a.m.	6 p.m.‡ (W.E.T.)	6 p.m.
Holland	8 a.m. („ „)	8 a.m.	7 p.m. (W.E.T.)	7 p.m.
Germany, Denmark, Norway, Sweden	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
France	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.
Spain	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)	6 p.m.
Portugal	8 a.m. (Lisbon)	8.36 a.m.	3.23 p.m. (Lisbon)	4 p.m.
Azores { Ponta Delgada	6 a.m. (Local)	7.43 a.m.	9 p.m. (Local)	10.43 p.m.
Azores { Horta	6 a.m. (Local)	7.55 a.m.	9 p.m. (Local)	10.55 p.m.

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM, TO-DAY.

10th Nov.r 1903.	Sunrise G.M.T.	Noon G.M.T	Sunset G.M.T.
Yarmouth	7.6	11.37	4.8
Greenwich	7.11	11.44	4.17
Wick	7.51	11.56	4.1
Valencia	7.53	12.25	4.57

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† The evening observations in Belgium are not given on page 1.

‡ At Oxford the observations are taken at 8 p.m.

DAILY WEATHER REPORT

for 8 a.m. on Thursday, 12th. November, **1903.**

Issued by the METEOROLOGICAL OFFICE, 63, Victoria Street, London. **W. N. SHAW,** *Secretary.*

	STATIONS.	YESTERDAY EVENING. (See note on last page.) Barom. At 32° and M.S.L. Ins.	Temp. Dry Bulb. °	Wind. Direc.	Wind. Force (0 to 12.)	Weather	THIS MORNING. (See note on last page.) Barometer. At 32° Fahr. and M. S. L. Ins.	Barometer. Change since Yesterday. Ins.	Temperature. Dry Bulb. °	Temperature. Wet Bulb. °	Temperature. Change since Yesterday. °	Wind. Direc.	Wind. Force (0 to 12.)	Weather	Sea (0 to 9.)	PAST 24 HOURS. Temp. Max. °	Temp. Min. °	Weather	Sunshine. Hours.	Rainfall. Ins.
SCANDINAVIA.	Haparanda ...	29·78	29	NW	4	b	30·18	+·88	13	12	−23	N	4	b	*	37	?	–	*	–
	Hernösand ...	29·91	37	N	2	b	30·17	+1·64	29	26	−10	N	4	b	*	41	29	–	*	–
	Stockholm ...	29·88	36	NW	2	b	30·10	+1·57	33	31	−1	NW	2	b	*	41	33	–	*	–
	Wisby	29·84	42	N	8	bc	30·00	+·54	40	39	−3	E	4	r	*	45	39	–	*	0·04
	Karlstad	30·02	37	NNW	2	b	30·20	+·48	30	29	−6	NW	2	b	*	*	*	–	*	–
	Færder (X'iania Fjord)	30·05	41	NNW	2	b	30·17	+·40	37	37	−4	N	1	b	1	46	37	–	*	–
	Bodö	29·76	33	N	4	bc	30·02	+·45	32	30	−7	E	4	c	2	39	27	–	*	–
	Christiansund ...	30·13	40	NE	2	f	29·89	−·01	38	34	−3	NE	2	b	3	41	37	–	*	–
	Skudesnaes ...	30·18	39	×	0	bc	30·08	+·09	42	40	−1	SSE	6	c	4	45	36	c, bc	*	*
BRITISH ISLANDS.	Sumburgh Head	?30·07	45	S	1	0	29·65	−·45	51	50	+11	WSW	4	0	5	51	39	0	*	0·16
	Stornoway ...	30·02	52	SW	3	0	29·83	−·27	48	46	0	WSW	4	c	4	53	45	0	0·4	0·19
	Malin Head ...	30·08	50	SSW	6	rm	30·02	−·19	50	48	+1	W	6	cp	4	51	48	0, rm	*	0·03
	Blacksod Pt. ...	30·05	54	SSW	8	cp	30·11	−·13	50	48	−1	WSW	3	cm	4	56	50	c, cp	*	0·09
	Valencia	30·21	54	SSE	4	og	30·17	−·15	54	52	+4	SW	2	r	4	56	49	ov, og	0·2	0·56
	Roche's Point ...	30·31	52	SW	2	om	30·19	−·17	54	54	+7	SW	3	f	2	54	47	o, om	*	0·02
	Parsonstown ...	30·22	50	SW	1	0	30·15	−·18	54	53	+7	×	0	or	*	56	47	o, c	0·7	0·24
	Donaghadee ...	30·24	50	SW	1	og	30·07	−·21	55	54	+8	WNW	2	gd	2	55	46	–	*	0·05
	Liverpool Obsy.	30·31	49	W	1	0	30·20	−·10	53	51	+3	WSW	3	0	2	54	44	o, od	*	0·02
	Holyhead ...	30·29	51	SW	1	0	30·16	−·15	54	53	+4	SW	3	rgm	2	54	49	0	*	0·14
	Pembroke (St. Ann's)	30·35	51	SW	3	0	30·25	−·08	54	53	+2	SW	5	og	4	55	49	o, p	0·1	0·01
	Scilly (St. Mary's)...	30·39	52	WSW	2	0	30·30	−·08	52	50	0	SSW	5	c	3	54	49	f, c, o	3·4	0·01
	Jersey (St. Aubins)...	30·42	52	W	3	og	30·41		51	50	−1	WSW	4	or	3	54	50	dp, og	0·3	0·11
	Portland Bill ...	30·36	52	WNW	4	c	30·32	−·02	51	50	−1	W	3	cdp	2	53	47	c	*	–
	Dungeness ...	30·34	52	NW	1	m	30·33	+·02	49	46	−3	WNW	2	bc	1	56	45	o, om	0·1	0·01
	Wick	30·05	44	W	3	c	29·80	−·32	47	45	+9	NW	4	c	1	52	35	–	*	0·10
	Nairn	30·09	49	W	1	b	29·86	−·27	51	49	+9	W	3	c	1	54	41	–	*	0·03
	Aberdeen ...	30·15	44	S	3	b	29·87	−·34	51	49	+13	SSW	4	cm	2	51	37	bcm, b, r	0·4	0·05
	Leith	30·19	52	W	2	0	29·97	−·27	55	53	+5	WSW	4	o	*	56	46	o, p	*	0·01
	North Shields ...	30·22	51	WSW	1	om	30·03	−·20	55	52	+9	WSW	3	c	2	55	45	om	*	–
GERMANY, &c.	Spurn Head ...	30·26	50	WNW	2	0	30·17	−·09	47	46	0	SSW	4	cp	3	52	45	–	*	0·03
	Yarmouth ...	30·26	50	WSW	2	cf	30·24	−·01	48	46	+1	SW	3	c	3	50	45	c, cf	*	–
	Nottingham ...	30·30	50	WSW	1	0	30·21	−·07	47	46	−5	WSW	1	c	*	54	45	c, o	0·2	–
	Oxford	30·36	49	W	1	0	30·28	−·06	50	49	0	SW	2	o	*	53	45	o, od	*	–
	London (Brixton)...	30·34	51	WNW	1	0	30·29	−·01	48	46	−4	WSW	2	o	*	53	44	ofmdg	0·0	0·02
	The Scaw (Skagen)	30·06	46	NNE	3	b	30·18	+·39	41	37	−5	SE	1	bc	0	48	41	–	*	–
	Fanö	30·16	44	NW	6	c	30·20	+·29	41	40	−5	×	0	r	*	50	41	–	*	–
	Cuxhaven ...	30·18	48	NW	5	b	30·22	+·25	47	44	0	NW	2	o	*	48	45	–	*	–
	The Helder ...	30·29	48	SW	2	0	30·23	+·04	50	50	+1	WSW	1	o	1	50	45	–	*	0·04
	Brussels	*	*	*	*	*	30·35	+·07	47	47	0	SW	1	f	*	52	43	–	*	–
	Berlin	30·10	42	W	1	b	30·19	+·35	42	40	+1	W	3	c	*	50	39	–	*	–
	Frankfürt ...	30·37	43	W	2	0	30·37	+·19	39	37	−7	SW	3	o	*	50	37	–	*	–
	Munich	30·34	37	W	4	0	30·37	+·29	36	34	−5	W	4	o	*	45	34	–	*	0·16
FRANCE.	C. Gris Nez ...	30·32	51	WSW	3	0	30·29	+·03	49	46	−4	WSW	4	o	4	55	48	–	*	–
	Brest	30·45	51	×	0	f	30·40	−·03	52	51	−1	SW	2	o	3	54	50	–	*	0·04
	Lorient	30·43	54	N	2	0	30·44	·00	50	50	−2	E	2	f	2	55	48	–	*	–
	Rochefort ...	30·41	51	NNE	2	0	30·41	−·05	47	46	−2	NNE	2	o	*	54	45	–	*	–
	Biarritz	30·44	54	E	2	b	30·43	−·02	50	45	−1	E	3	o	3	57	43	–	*	–
	Paris	30·39	50	NNW	1	0	30·41	+·08	48	47	−4	W	1	o	*	55	48	–	*	–
	Belfort	30·34	43	WSW	4	c	30·40	+·13	37	37	−5	×	0	f	*	46	34	–	*	0·24
	Lyons	30·38	47	NNW	1	r	30·43	+·03	46	45	0	NNW	2	o	*	50	45	–	*	0·08
	Nice	30·03	52	ENE	1	bc	30·16	+·08	48	41	−3	E	3	bc	1	63	46	–	*	–
	Perpignan ...	30·29	55	NW	4	b	30·27	+·01	52	46	−1	W	4	b	*	64	50	–	*	–
SPAN. PEN.	Corunna																		*	
	Lisbon	30·25	62	NNE	4	b	30·26	−·02	55	52	−3	NE	4	b	*	66	54	–	*	–
	Azores (P. Delgada)	30·00	67	ESE	4	b	30·02	+·14	66	64	0	ESE	4	r	3	70	64		*	0·12
	" (Horta) ...	30·01	64	NE	4	m	29·99	+·12	64	63	0	×	0	0	1	64	63	–	*	–

NOTE: *The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster: the Sunshine entered to Dungeness is recorded at Littlestone-on-Sea.*

* *Observations for this column not generally received.* † *Observations received too late for insertion in Charts on next page.*

WEATHER CHARTS

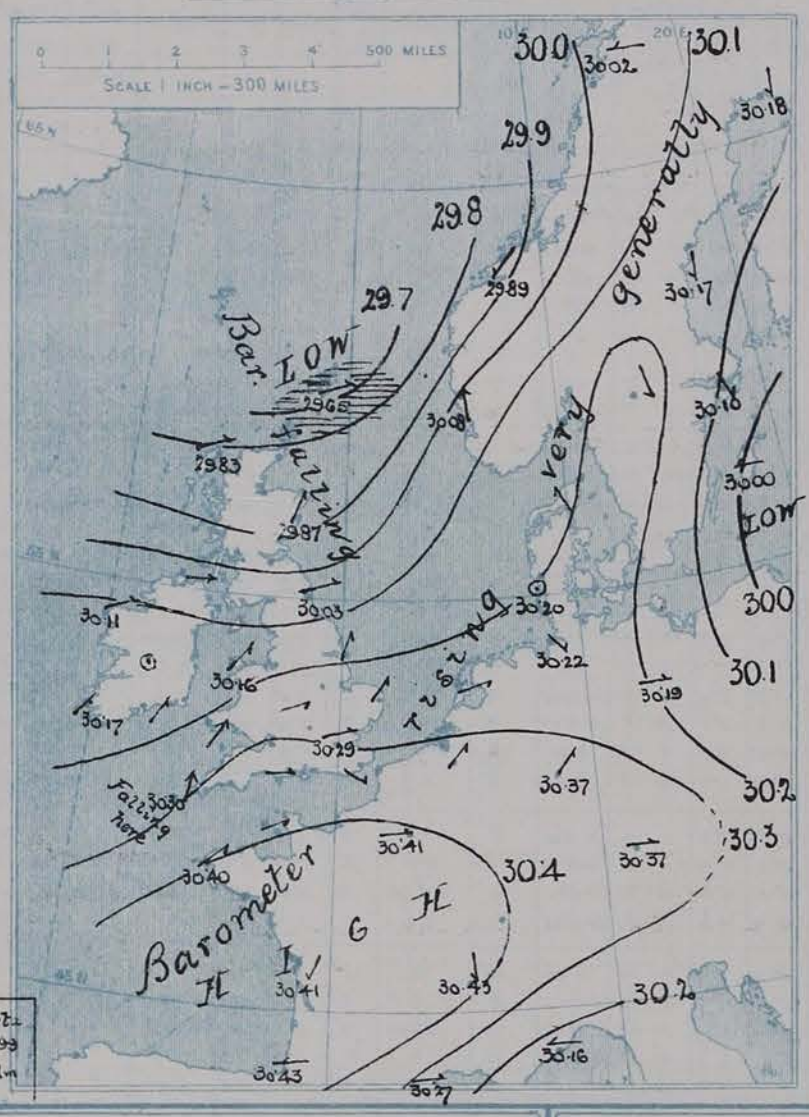
FOR *Thursday, 12th November,* 1903.

I. BAROMETER, WIND AND SEA. *This Morning.*

BAROMETER.—Isobars are drawn for each tenth of an inch.
WIND.—Arrows show Directions and Force, flying with the wind.

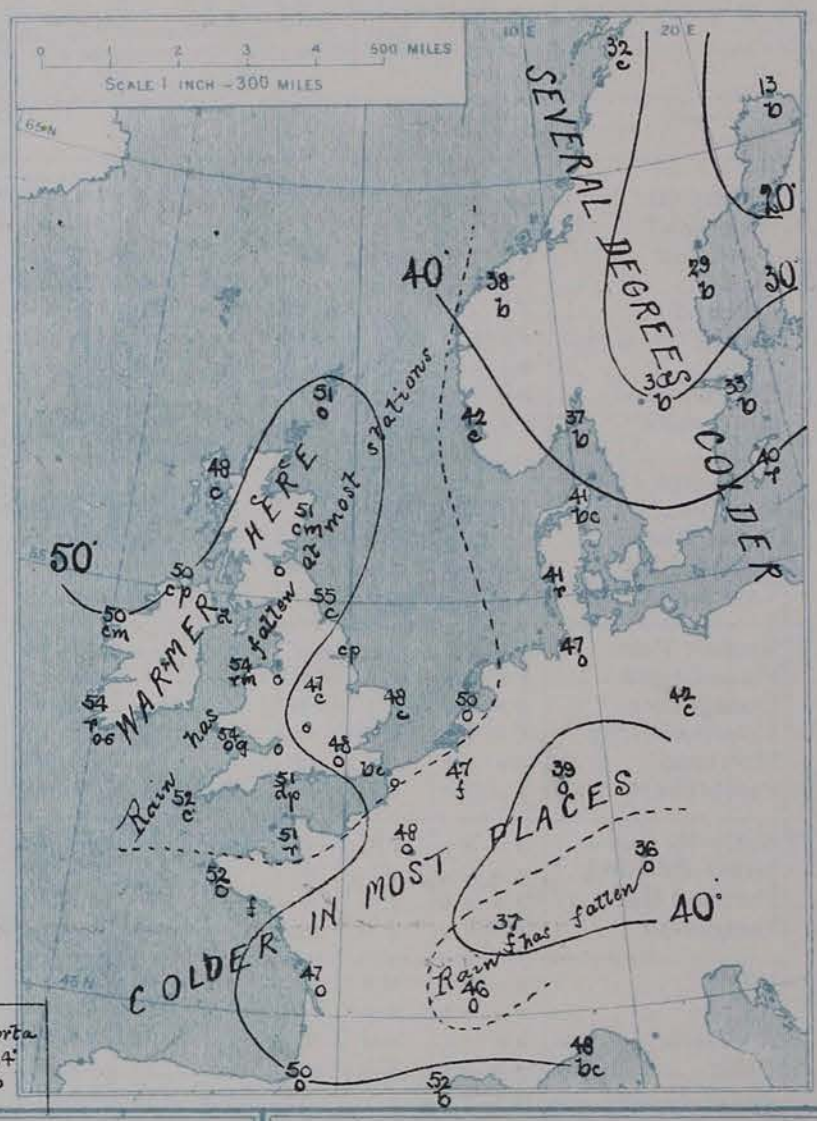
Force above 10 ; *Force 5 to 7* ; *Force 8 to 10* ; *Force 1 to 4* ; Calm

SEA.—Rough *High*



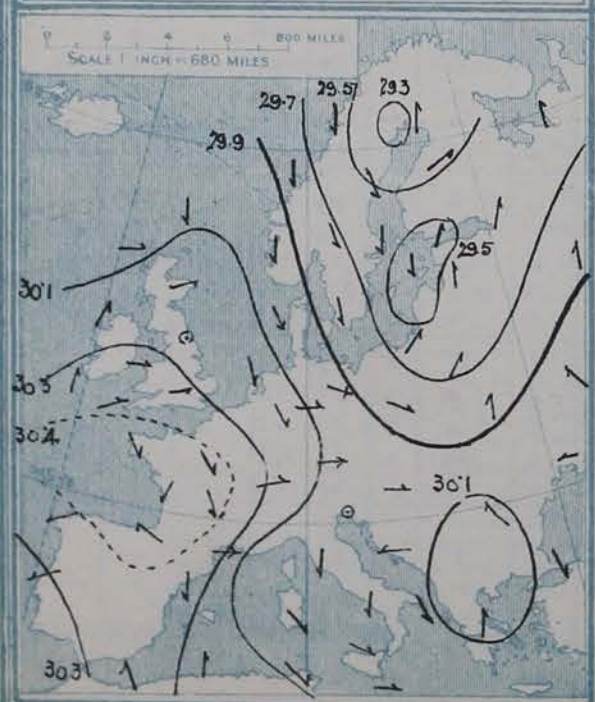
II. TEMPERATURE AND WEATHER. *This Morning.*

TEMPERATURE.—Isotherms are drawn for each 10°.
WEATHER.—Shown by Letters of the Beaufort Scale. (See P. A.)
RAINFALL.—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus - 0·6



III. BAROMETER AND WIND

Yesterday morning.



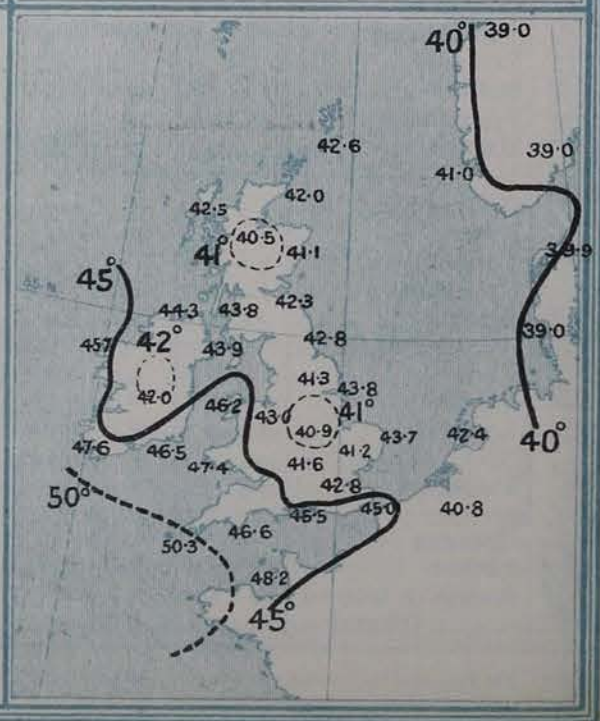
IV. GREATEST AND LEAST MONTHLY RAINFALL IN NOVEMBER

During the 32 Years 1871–1902.

Specimen for LONDON { *Greatest Rainfall* 4·23 (in 1899); *Least ... Do.* 0·43 (in 1871)

V. *Means of* DAILY TEMPERATURE

at 8 A.M. for the monthly period NOVEMBER. *(1871–1900.)*



GENERAL SITUATION AT 8 A.M.

PRESSURE

The anticyclone which was noticed over the Bay of Biscay yesterday morning has spread eastward and northeastward, so that the greater part of our Islands is at present under its influence. The highest readings of the barometer, which are slightly over 30·4 ins., are still reported from the west of France. The low pressure system which lay over Scandinavia yesterday has passed away to the east, and is now to be found over northwest Russia.

WIND

TEMPERATURE

WEATHER

AND

SEA

Light W^ly winds prevail over our Islands generally. Over France the wind is also light, but the direction is NW^ly or N^ly. Further to the east, over Germany and Scandinavia, the gradient is steeper, and fresh NW^ly or N^ly winds consequently prevail in those regions. In the extreme west of Ireland, the wind has backed to the S. The atmosphere throughout our Islands is damp and mild. At the English and Irish stations, the temperature differs but little from 50°, and the difference between the dry and wet bulbs is in no case greater than 2°. The weather is dull generally in spite of the anticyclonic conditions, and much fog and mist prevails; a light drizzle is reported from Shields and Jersey. Over France the conditions are very similar to those which are to be found in England, but farther east, weather of a more varied type is to be met with. Rain is falling at Munich and also in the west of Jutland, but a cloudless sky is reported from Berlin and the stations in the east of Scandinavia. Temperature readings on the Continent have changed little since yesterday, and remain moderately high. The sea is moderate or slight on all our coasts.

During the past 24 hours no rain fell in the southern parts of England, but showers occurred generally in the northern half of the Kingdom. At most places the sky remained cloudy, the largest amount of sunshine reported being 5·3 hours at Aberdeen. The highest temperature recorded was 56° at Jersey, the lowest 34° at Wick.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The anticyclone will probably move slowly eastward, and leave our northwestern districts exposed to the action of fresh disturbances from the Atlantic. Over England the weather is likely to remain fair, but much cloud and mist may be expected.

FORECASTS*

For the 24 hours ending at NOON on 12th November, 1903

DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	W^ly to SW^ly winds, light, increasing; dull or cloudy, some rain in the west.
1 SCOTLAND EAST	
2 ENGLAND N.E.	Light W^ly winds; fair generally, but dull and misty. Remaining mild.
3 ENGLAND EAST	
4 MIDLAND COUNTIES	
5 ENGLAND SOUTH	
6 SCOTLAND WEST	Same as Nos. 0 & 1
7 ENGLAND N.W.	W^ly to SW^ly winds, light, increasing somewhat later; fair but dull and misty. Mild.
8 ENGLAND S.W	
9 IRELAND NORTH	SW^ly to S^ly winds, freshening; cloudy, some rain later.
10 IRELAND SOUTH	
WARNINGS	None issued.

Note.—The **South Cone**, *point downwards* (▼), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.

The **North Cone**, *point upwards* (▲), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

* *For terms for transmission of Forecasts by Telegraph; see next page.*

ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	Yesterday 6 p.m.					This Morning 8 a.m.									Past 24 Hours.				
	Bar. Ins.	Temp. °	Wind Direct.	Wind Force	Weather.	Barometer. Ins.	Barometer. Change	Temperature Dry.	Temperature Wet.	Temperature Change	Wind Direct.	Wind Force	Weather.	Sea.	Temperature Max.	Temperature Min.	Weather	Sunshine. Hrs.	Rainfall Ins.
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	r	*	53	45	o, c	0·8	–
Bath	30·24	52	SW	5	b	30·32	+·13	52	50	+2	W	1	bc	*	54	50	–	0·0	–

REPORTS FOR YESTERDAY.

STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Sunshine. Hrs.	Rainfall. Ins.
Southport, to 9 p.m.... ...	53	49	o, c, o	0·0	–	Broadstairs...	*	*	*	1·4	*
Rhyl, to 6 p.m....	*	*	*	0·0	*	Margate	55	39	c	1·5	0·07
Llandudno...	*	*	*	0·0	*	Lowestoft, to 6 p.m.... ...	53	39	o, c, bo, o	1·0	–
Aberystwyth, to 6 p.m. ...	54	50	or	0·0	0·03	Skegness	*	*	*	0·7	*
Plymouth, to 9 p.m.... ...	53	48	bc, ou d	0·0	–	Scarborough, to 6 p.m. ...	54	*	*	0·0	
Worthing	*	*	*	0·8	*	Harrogate, to 6 p.m. ...	54	44	or, v, c	0·2	0·11
Brighton		*	*	1·4	*	Manchester, to 9 p.m. ...	54	45	r, ou d	0·0	0·09
Eastbourne, to 6 p.m. ...	54	*	*	3·7	*	Darwen, to 9 p.m.	50	43	r, g, o, r	0·0	0·23
Hastings	*	*	*	1·7	*	Birmingham, to 9 p.m. ...	52	42	o, r	0·0	0·25

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

STATIONS. 10th Nov.r 1903.	Temperature, F. Max.	Temperature, F. Min.	Weather.	Rain. Ins.	STATIONS.	Temperature, F. Max.	Temperature, F. Min.	Weather.	Rain. Ins.
Copenhagen	46	43	b, m	0·08	Algiers	68	61	o, o	0·04
Utrecht...	48	37	o, m	0·16	Tunis	68	50	o, o	–
Groningen	48	37	r, o	0·16	Madeira (Funchal)... ...	72	59	o, o	0·63
Vienna	46	34	b, f	?	9th Nov.r 1903	1 p.m.		1 p.m.	Measured 7 a.m.
Marseilles	63	45	c, b	–	Geneva	41	*	f	–
Florence	56	37	b, m	–	Berne	43	*	c	–
Rome	59	40	b, b	–	Coire	46	*	b	–
Naples	59	47	b, b	–	Castasegna	50	*	b	–
Palermo	67	49	b, bc	–	Lugano	50	*	b	–
Malta	63	56	bc	–	Davos	46	*	b	–

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

COUNTRIES, &c.	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles, Belgium† ...	8 a.m. (West European)	8 a.m.	6 p.m.‡ (W.E.T.)	6 p.m.
Holland	8 a.m. (,, ,,)	8 a.m.	7 p.m. (W.E.T.)	7 p.m.
Germany, Denmark, Norway, Sweden	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
France	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.
Spain	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)	6 p.m.
Portugal	8 a.m. (Lisbon)	8.36 a.m.	3.23 p.m. (Lisbon)	4 p.m.
Azores { Ponta Delgada	6 a.m. (Local)	7.43 a.m.	9 p.m. (Local)	10.43 p.m.
Azores { Horta	6 a.m. (Local)	7.55 a.m.	9 p.m. (Local)	10.55 p.m.

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM, TO-DAY.

11th Nov.r 1903.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	7·8	11·37	4·6
Greenwich	7·12	11·44	4·16
Wick	7·53	11·56	3·59
Valencia	7·55	12·25	4·55

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† The evening observations in Belgium are not given on page 1.

‡ At Oxford the observations are taken at 8 p.m.

DAILY WEATHER REPORT

for 8 a.m. on Friday, 13th November, 1903.

Issued by the METEOROLOGICAL OFFICE, 63, Victoria Street, London. W. N. SHAW, *Secretary.*

	STATIONS.	YESTERDAY EVENING. (See note on last page.) Barom. At 32° and M.S.L. Ins.	Temp. Dry Bulb. °	Wind. Direc.	Wind. Force (0 to 12.)	Weather.	THIS MORNING. (See note on last page.) Barometer. At 32° Fahr. and M. S. L. Ins.	Barometer. Change since Yesterday. Ins.	Temperature. Dry Bulb. °	Temperature. Wet Bulb. °	Temperature. Change since Yesterday. °	Wind. Direc.	Wind. Force (0 to 12.)	Weather	Sea (0 to 9.)	PAST 24 HOURS. Temp. Max. °	Temp. Min. °	Weather	Sunshine. Hours.	Rainfall. Ins.
SCANDINAVIA.	Haparanda ...	30·27	12	N	2	b	30·28	+·10	19	18	+ 6	E	2	o	*	30	10	–	*	–
	Hernösand ...	30·18	21	N	0	b	30·21	+·04	28	26	– 1	N	0	s	*	37	21	–	*	0·04
	Stockholm ...	30·13	28	N	2	b	30·19	+·09	28	28	– 5	NW	1	s	*	36	27	–	*	–
	Wisby	30·12	36	N	4	b	30·13	+·13	35	32	– 5	N	4	c	*	45	35	–	*	–
	Karlstad	30·12	37	SE	2	o	30·15	–·05	36	35	+ 6	SW	2	f	*	*	*	o, r	*	0·16
	Færder (X'iania Fjord)	30·06	41	S	4	r	30·18	+·01	38	37	+ 1	NNW	2	o	2	43	37	–	*	0·04
	Bodö	29·79	32	E	6	o	29·97	–·05	30	26	– 2	E	6	o	2	32	25	–	*	–
	Christiansund ...	29·85	46	SW	4	r	30·08	+·19	44	42	+ 6	N	0	c	2	46	37	–	*	0·28
	Skudesnaes ...	30·01	44	N	0	b	30·13	+·05	43	42	+ 1	E	2	c	2	45	36	r, b	*	*
BRITISH ISLANDS.	Sumburgh Head	29·91	47	W	4	b	29·87	+·22	47	45	– 4	S	4	c	5	51	44	c, b	*	0·04
	Stornoway ...	29·95	45	SSW	3	c	29·69	–·14	50	49	+ 2	SSW	7	r	7	52	43	bc, c	5·2	0·04
	Malin Head ...	30·08	47	W	3	b	29·77	–·25	52	50	+ 2	S	6	o	3	53	44	b	*	0·01
	Blacksod Pt. ...	30·07	50	SW	3	b	29·75	–·36	53	51	+ 3	SSW	8	opm	6	53	50	b	*	0·10
	Valencia	30·14	52	SSE	1	o	29·86	–·31	52	52	– 2	SSE	5	rm	5	55	51	c, o	0·0	0·13
	Roche's Point ...	30·18	54	WSW	1	o	30·00	–·19	54	52	0	S	4	orm	3	56	53	f, b, o	*	0·11
	Parsonstown ...	30·15	50	N	0	b	29·94	–·21	52	50	– 2	SSE	1	og	*	55	47	r, bf	0·0	0·21
	Donaghadee ...	30·13	48	W	1	b	29·96	–·11	52	52	– 3	SW	2	o	1	55	40	–	*	0·04
	Liverpool Obsy.	30·16	53	W	3	r	30·10	–·10	51	50	– 2	S	2	o	2	55	49	op	*	0·25
	Holyhead ...	30·14	51	NE	1	cfr	30·05	–·11	53	51	– 1	SSW	6	ogm	4	54	50	r, crf	*	0·46
	Pembroke (St. Ann's)	30·20	54	WSW	6	o	30·11	–·14	53	52	– 1	SW	4	ogm	4	55	49	odpm	0·0	0·08
	Scilly (St. Mary's)...	30·26	56	SSW	4	c	30·12	–·18	54	52	+ 2	SSW	5	o	3	58	50	c	0·2	–
	Jersey (St. Aubins)...	30·36	52	WSW	3	o	30·28	–·13	50	49	– 1	SSE	2	o	2	53	50	og	0·0	0·04
	Portland Bill ...	30·28	53	W	4	bc	30·23	–·10	52	50	+ 1	WSW	2	o	2	54	51	c, bc	*	–
	Dungeness ...	30·27	53	W	4	o	30·25	–·08	53	52	+ 4	W	1	c	2	55	?49	c, o	0·6	0·01
	Wick	29·97	45	NW	3	bc	29·82	+·02	46	44	– 1	S	4	r	2	52	42	–	*	0·05
	Nairn	30·01	44	N	0	b	29·85	–·01	47	44	– 4	S	1	b	1	54	37	–	*	–
	Aberdeen ...	30·06	44	WSW	2	b	29·97	+·10	44	43	– 7	S	4	cp	2	54	34	b	5·0	0·01
	Leith	30·07	49	WSW	2	c	29·96	–·01	49	47	– 6	ESE	1	c	*	56	36	–	*	–
	North Shields ...	30·10	51	NW	2	c	30·09	+·06	47	47	– 8	N	0	f	2	57	38	cp, c	*	0·01
GERMANY, &c.	Spurn Head ...	30·12	52	SW	4	o	30·15	–·02	47	47	0	SW	2	f	2	52	45	r, o	*	0·11
	Yarmouth ...	30·17	51	WSW	3	f	30·17	–·07	51	50	+ 3	WSW	3	bcm	3	51	47	c, f	*	0·11
	Nottingham ...	30·16	53	SW	1	o	30·17	–·04	48	48	+ 1	SSW	1	r	*	54	43	–	0·0	0·10
	Oxford	30·23	51	WSW	2	o	30·22	–·06	51	50	+ 1	SSW	3	o	*	53	49	odp	*	–
	London (Brixton)...	30·25	52	SW	1	o	30·22	–·07	52	51	+ 4	SSW	1	og	*	53	47	om, op	0·0	0·06
	The Scaw (Skagen)	30·08	43	SW	3	r	30·15	–·03	44	44	+ 3	SSW	1	o	0	45	39	–	*	0·08
	Fanö	30·02	49	SW	3	o	30·12	–·08	45	45	+ 4	N	0	c	*	50	41	–	*	0·16
	Cuxhaven ...	30·15	47	SW	3	r	30·14	–·08	50	49	+ 3	NW	2	orm	*	50	46	r, m	*	0·24
	The Helder ...	30·15	51	WSW	2	o	30·17	–·06	51	51	+ 1	N	0	m	1	52	50	–	*	0·47
	Brussels	*	*	*	*	*	30·28	–·07	49	49	+ 2	SW	2	f	*	51	47	–	*	0·12
	Berlin	30·20	41	W	2	c	30·11	–·08	41	41	– 1	SE	1	r	*	46	39	–	*	0·08
	Frankfürt ...	30·31	44	SW	1	o	30·25	–·12	49	47	+ 10	SW	4	o	*	49	39	–	*	0·28
	Munich	30·36	40	W	5	o	30·30	–·07	40	40	+ 4	SW	5	r	*	43	36	–	*	0·24
FRANCE.	C. Gris Nez ...	30·23	53	WSW	4	o	30·22	–·07	54	52	+ 5	SW	4	o	4	57	49	–	*	–
	Brest	30·36	54	SW	2	o	30·21	–·19	55	51	+ 3	S	3	o	3	55	52	–	*	–
	Lorient	30·38	52	SSE	1	o	30·24	–·20	50	50	0	SE	2	o	2	55	48	–	*	–
	Rochefort ...	30·44	50	ENE	2	o	30·32	–·09	43	42	– 4	ESE	3	c	*	52	41	o	*	–
	Biarritz	30·36	51	E	2	b	30·23	–·20	41	41	– 9	E	3	f	1	54	39	–	*	–
	Paris	30·39	48	SW	1	o	30·35	–·06	47	47	– 1	SW	2	o	*	54	47	–	*	–
	Belfort	30·40	42	WSW	3	m	30·32	–·08	40	40	+ 3	WSW	4	f	*	46	37	–	*	0·39
	Lyons	30·39	48	NNW	3	b	30·41	–·02	42	42	– 4	NE	1	f	*	52	42	–	*	–
	Nice	30·22	51	N	0	b	30·30	+·14	47	44	– 1	E	1	bc	1	59	45	–	*	–
	Perpignan ...	30·29	55	W	2	b	30·32	+·05	41	40	– 11	SW	1	b	*	67	38	–	*	–
SPAN. PEN.	Corunna																		*	
	Lisbon														*				*	
	Azores (P. Delgada)																		*	
	" (Horta) ...	30·04	62	N	4	f	30·11	+·12	59	58	– 5	N	5	o	3	68	59	–	*	0·24

NOTE: *The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster: the Sunshine entered to Dungeness is recorded at Littlestone-on-Sea.*

* *Observations for this column not generally received.*

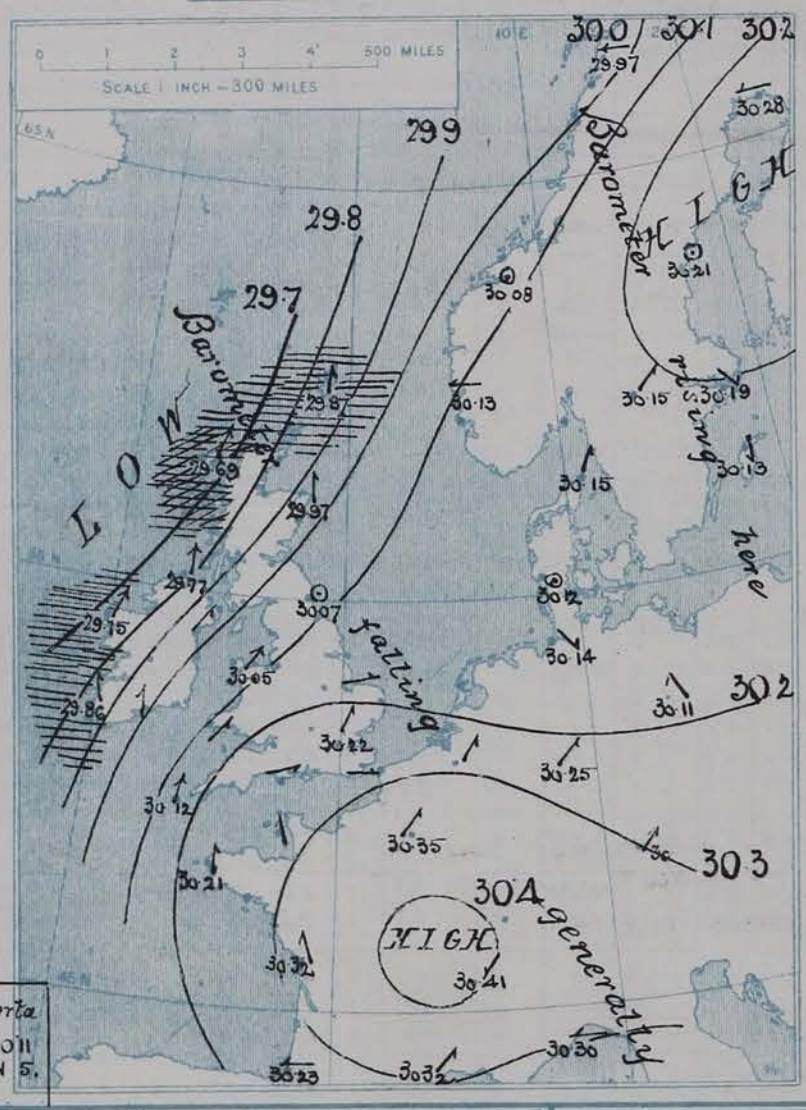
† *Observations received too late for insertion in Charts on next page.*

WEATHER CHARTS

FOR *Friday, 13th November, 1903.*

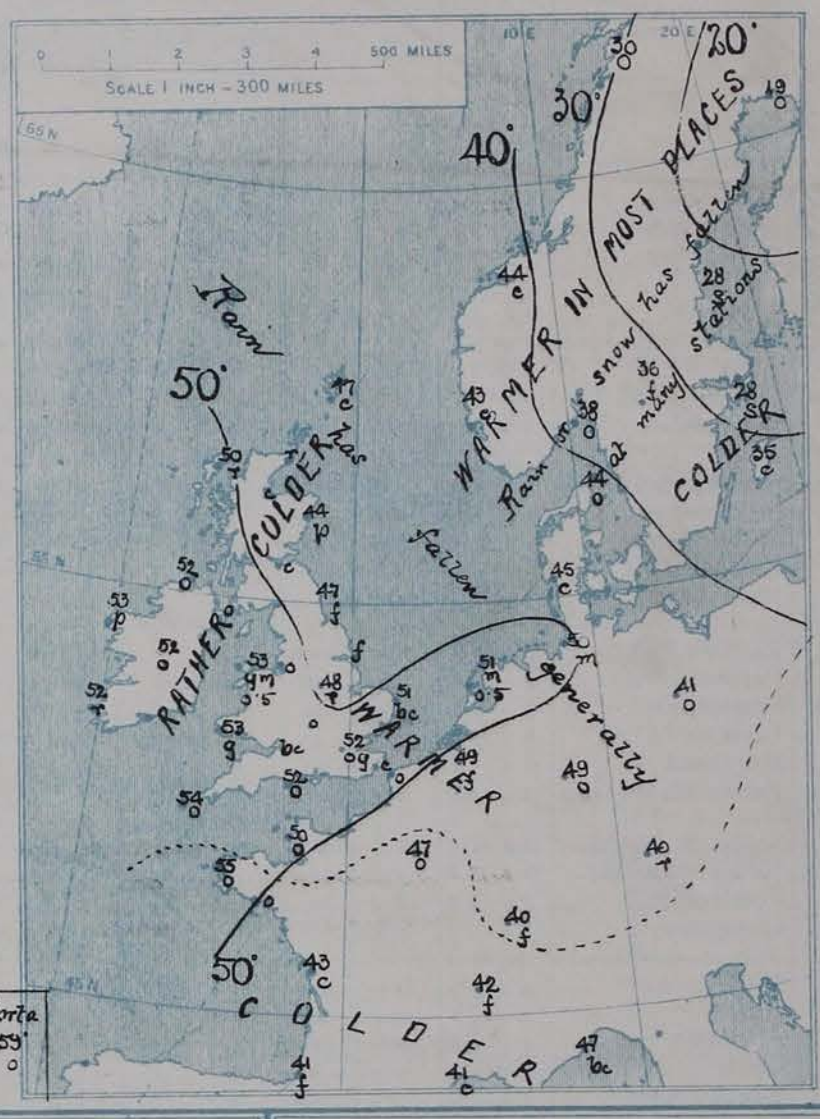
I. BAROMETER, WIND AND SEA. *This Morning.*

BAROMETER.—Isobars are drawn for each tenth of an inch.
WIND.—Arrows show Directions and Force, flying with the wind.
Force above 10 ; *Force 8 to 10* ; *Force 5 to 7* ; *Force 1 to 4* ; Calm ⊙
SEA.—Rough ; *High*



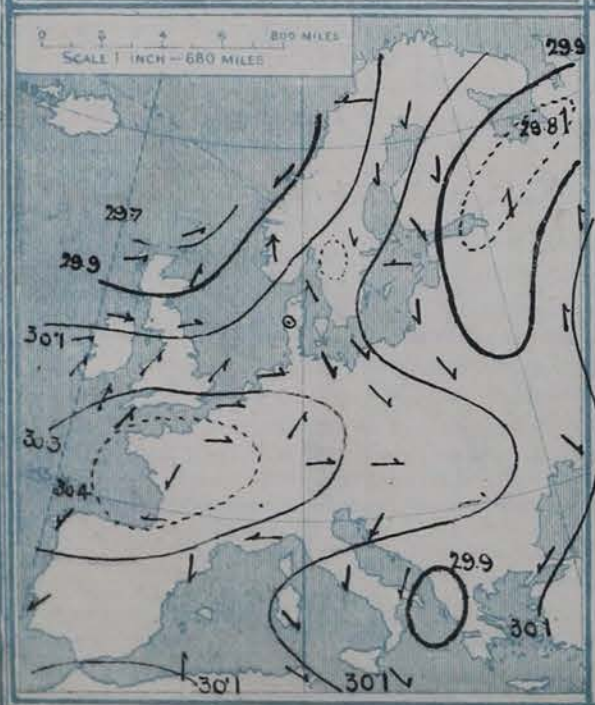
II. TEMPERATURE AND WEATHER. *This Morning.*

TEMPERATURE.—Isotherms are drawn for each 10°.
WEATHER.—Shown by Letters of the Beaufort Scale. *(See P. 4.)*
RAINFALL.—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus - 0·6



III. BAROMETER AND WIND

Yesterday morning.



IV. GREATEST AND LEAST MONTHLY RAINFALL IN NOVEMBER

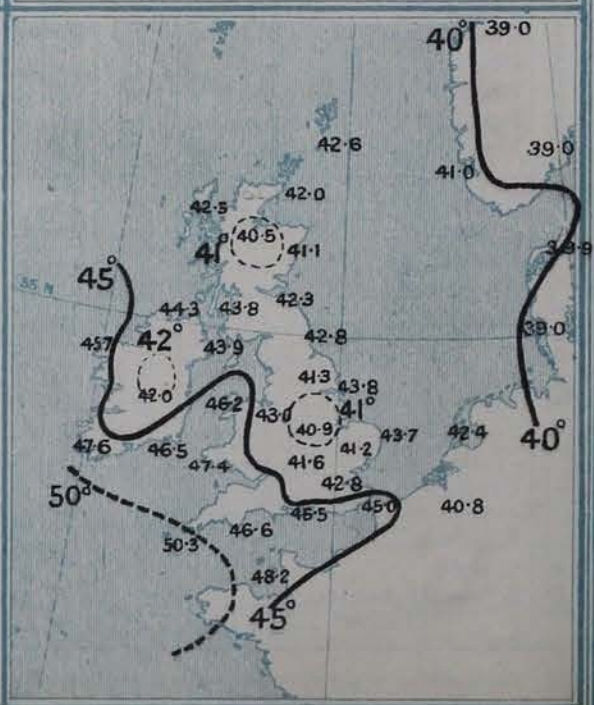
During the 32 Years 1871-1902.

Specimen for LONDON { *Greatest Rainfall* 4·23 (in 1899) ; *Least ... Do.* 0·43 (in 1871)

V. *Means of* DAILY TEMPERATURE

at 8 A.M. for the monthly period

NOVEMBER. *(1871-1900.)*



GENERAL SITUATION AT 8 A.M.

PRESSURE

A disturbance has passed in a NE^y direction along our northwest coasts. At present its centre appears to be situated off the north coast of Scotland, the lowest reading of the barometer reported being 29.65 ins. at Sumburgh Head. In the south, the anticyclone noticed yesterday morning has spread in an easterly direction, but the highest readings, over 30.4 ins., are still reported from the shores of the Bay of Biscay. A ridge of relatively high pressure stretches across Scandinavia and separates the new disturbance from a low pressure system over western Russia.

WIND

The wind is W^y to SW^y over our Islands, and is now moderate in intensity, but it blew a gale on the northwest coast of Ireland during the early part of the night. In Norway the depression in the west is causing S^y to E^y winds, but Sweden is still under the influence of the disturbance in the east, and N^y to NW^y winds accordingly prevail. In the anticyclonic region over France the wind is very light.

TEMPERATURE

The weather remains dull or cloudy. Rain is falling at most Irish stations and showers are reported from several English stations. On the Continent conditions are very similar, but in Sweden and the extreme southeast of France it is fine.

Temperature has risen decidedly in the east of Scotland, and readings, which range from 47° to 55°, are above the average at all home stations. A slight fall of temperature has occurred at most Continental stations; in Sweden the N^y wind and clear sky has been accompanied by a very marked fall, at Haparanda the reading is only 13°, a change of 23° since yesterday morning.

WEATHER AND SEA

The sea is rather rough off Sumburgh Head, and moderate on the west coasts of Ireland and Scotland, slight or smooth elsewhere.

During the past 24 hours, the sky remained dull almost everywhere. Scilly is the only station which reports more than one hour of bright sunshine. The disturbance in the north caused rain to fall in Ireland and the west of Scotland, Valencia reports over ½ inch. A light drizzling rain fell at intervals at many places in England. Temperature readings ranged between 56° and 35°.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The disturbance in the north is passing away and some improvement may be looked for in the weather over the northern part of the country. There are, however, indications of the approach of a smaller disturbance towards the mouth of the Channel, and this will probably cause rain in most parts of England.

FORECASTS*

For the 24 hours ending at NOON on 13th November, 1903

DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	W^y to SW^y winds, moderate; fair, some showers.
1 SCOTLAND EAST	
2 ENGLAND N.E.	Moderate winds between W and S; cloudy or dull, some rain. Mild.
3 ENGLAND EAST	
4 MIDLAND COUNTIES	
5 ENGLAND SOUTH	
6 SCOTLAND WEST	Same as Nos. 0 and 1.
7 ENGLAND N.W.	W^y to SW^y winds, moderate; cloudy, rain at times.
8 ENGLAND S.W.	SW^y to S^y winds, moderate or fresh; dull, or cloudy, some rain. Mild.
9 IRELAND NORTH	Same as Nos. 0 and 1.
10 IRELAND SOUTH	Moderate or light winds between S and W; dull, some rain.
WARNINGS	None issued.

Note.—The **South Cone**, *point downwards* (▼), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.

The **North Cone**, *point upwards* (▲), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

* *For terms for transmission of Forecasts by Telegraph; see next page.*

ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	Yesterday 6 p.m.					This Morning 8 a.m.									Past 24 Hours.				
	Bar. Ins.	Temp. °	Wind Direc.	Wind Force	Weather.	Barometer. Ins.	Barometer. Change	Temperature Dry.	Temperature Wet.	Temperature Change	Wind Direc.	Wind Force	Weather.	Sea.	Temperature Max.	Temperature Min.	Weather	Sunshine. Hrs.	Rainfall Ins.
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	o	*	51	45	d, c	0·0	0·02
Bath	30·37	51	SW	2	c	30·31	-·01	49	48	-3	SW	3	o	*	53	48	-	0·0	-

REPORTS FOR YESTERDAY.

STATIONS.	Temperture F. Max.	Temperture F. Min.	Weather.	Sunshine Hrs.	Rainfall. Ins.	STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Sunshine Hrs.	Rainfall. Ins.
Southport, to 9 p.m.... ...	52	49	o, od, o, c	0·0	0·01	Broadstairs...	*	*	*	0·0	*
Rhyl, to 6 p.m....	*	*	*	0·1	*	Margate	57	46	c	0·0	-
Llandudno...	*	*	*	0·0	*	Lowestoft, to 6 p.m.... ...	50	45	oc, p, o	0·0	0·13
Aberystwyth, to 6 p.m. ...	52	49	o, r	0·0	0·05	Skegness	*	*	*	0·0	*
Plymouth, to 9 p.m.... ...	54	49	o	0·0	-	Scarborough, to 6 p.m. ...	51	*	*	0·0	*
Worthing	*	*	*	0·0	*	Harrogate, to 6 p.m. ...	54	46	r, o, v, o	0·0	0·11
Brighton	53	*	*	0·0	*	Manchester, to 9 p.m. ...	54	49	gd, ou d	0·0	0·03
Eastbourne, to 6 p.m. ...	54	*	*	0·0	*	Darwen, to 9 p.m.	50	44	d, op, om	0·0	0·07
Hastings	*	*	*	0·0	*	Birmingham, to 9 p.m. ...	50	49	o	0·0	-

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

STATIONS. 11th Nov. 1903.	Temperature, F. Max.	Temperature, F. Min.	Weather.	Rain. Ins.	STATIONS.	Temperature, F. Max.	Temperature, F. Min.	Weather.	Rain. Ins.
Copenhagen	50	39	o, b	0·08	Algiers	70	57	b, b	-
Utrecht...	52	45	r, o	0·16	Tunis	70	50	c, o	-
Groningen	52	39	bc, c	0·16	Madeira (Funchal)	73	63	o, o	-
Vienna	50	45	o, r	0·04	10th Nov. 1903.	1 p.m.	*	1 p.m.	Measured 7 a.m.
Marseilles	63	45	o, o	-	Geneva	52	*	o	-
Florence	54	37	b, b	-	Berne	50	*	o	0·04
Rome	59	43	o, b	-	Coire	48	*	o	-
Naples	58	47	b, o	-	Castasegna	55	*	bc	-
Palermo	66	47	bc, bc	-	Lugano	50	*	b	-
Malta	64	56	c	-	Davos	41	*	o	-

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

COUNTRIES, &c.	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles, Belgium† ...	8 a.m. (West European)	8 a.m.	6 p.m.‡ (W.E.T.)	6 p.m.
Holland	8 a.m. („ „)	8 a.m.	7 p.m. (W.E.T.)	7 p.m.
Germany, Denmark, Norway, Sweden	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
France	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.
Spain	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)	6 p.m.
Portugal	8 a.m. (Lisbon)	8.36 a.m.	3.23 p.m. (Lisbon)	4 p.m.
Azores { Ponta Delgada	6 a.m. (Local)	7.43 a.m.	9 p.m. (Local)	10.43 p.m.
Azores { Horta	6 a.m. (Local)	7.55 a.m.	9 p.m. (Local)	10.55 p.m.

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM, TO-DAY.

12th Nov. 1903.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	7·10	11·37	4·4
Greenwich	7·14	11·44	4·14
Wick	7·55	11·56	3·57
Valencia	7·57	12·25	4·53

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FORECASTS OF WEATHER for one day in advance are drawn up at the Meteorological Office at 11 a.m., and between 7 and 8 p.m. The latest forecast can be had by Reply Telegram, on paying at any Post Office in the United Kingdom **Sixpence in addition to the cost of the inquiry and reply Telegrams.** Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application to the Meteorological Office, 63, Victoria Street, S.W., either personally or by post.

† The evening observations in Belgium are not given on page 1.

‡ At Oxford the observations are taken at 8 p.m.

DAILY WEATHER REPORT

for 8 a.m. on Saturday, 14th November, 1903.

Issued by the METEOROLOGICAL OFFICE, 63, Victoria Street, London. W. N. SHAW, *Secretary.*

	STATIONS.	YESTERDAY EVENING. (See note on last page.) Barom. At 32° and M.S.L. Ins.	Temp. Dry Bulb. °	Wind. Direc.	Wind. Force (0 to 12.)	Weather	THIS MORNING. (See note on last page.) Barometer. At 32° Fahr. and M.S.L. Ins.	Barometer. Change since Yesterday. Ins.	Temperature. Dry Bulb. °	Temperature. Wet Bulb. °	Temperature. Change since Yesterday. °	Wind. Direc.	Wind. Force (0 to 12.)	Weather	Sea (0 to 9.)	PAST 24 HOURS. Temp. Max. °	Temp. Min. °	Weather	Sunshine. Hours.	Rainfall. Ins.
SCANDINAVIA.	Haparanda ...	30·29	22	SE	2	o	30·30	+·02	24	24	+ 5	S	2	o	*	24	9	–	*	–
	Hernösand ...	30·30	32	Z	0	o	30·24	+·03	31	30	+ 3	Z	0	o	*	32	19	–	*	0·04
	Stockholm ...	30·28	31	N	2	o	30·30	+·11	31	30	+ 3	NW	2	o	*	32	27	–	*	–
	Wisby	30·22	39	NE	2	o	30·28	+·15	35	33	0	Z	0	o	*	43	35	–	*	–
	Karlstad	30·30	35	E	2	o	30·26	+·11	34	33	– 2	SE	2	o	*	*	*	–	*	–
	Færder (X'tiania Fjord)	30·25	37	NE	1	o	30·13	–·05	43	41	+ 5	SSE	2	o	2	?	36	–	*	–
	Bodö	30·08	32	E	4	b	29·82	–·15	40	37	+ 10	E	5	bc	2	?	25	–	*	–
	Christiansund ...	29·98	43	SE	2	b	29·69	–·39	49	44	+ 5	S	3	c	4	50	43	–	*	–
	Skudesnaes ...	30·12	45	SSE	6	o	29·87	–·26	47	45	+ 4	SSE	8	o	5	48	43	c, o	*	*
BRITISH ISLANDS.	Sumburgh Head	29·65	50	SSW	4	o	29·29	–·58	49	48	+ 2	S	5	o	6	50	45	o	*	0·05
	Stornoway ...	29·47	52	SW	7	o	29·32	–·37	41	40	– 9	SW	4	b	4	53	40	r, o	0·0	0·45
	Malin Head ...	29·47	53	S	8	o	29·37	–·40	42	40	– 10	SSW	5	og	4	53	?	o	*	0·03
	Blacksod Pt. ...	29·39	52	SSW	8	rgm	29·39	–·36	44	42	– 9	WNW	4	cp	4	54	42	pm, rg†	*	0·88
	Valencia	29·52	53	SSE	6	rg	29·55	–·31	43	41	– 9	SW	6	cv	6	55	42	om, rg	0·0	0·82
	Roche's Point ...	29·70	54	S	7	ogm	29·57	–·43	45	43	– 9	W	4	bc	4	54	43	o, ogm	*	0·30
	Parsonstown ...	29·62	53	SW	4	o	29·51	–·43	40	38	– 12	SE	2	b	*	55	37	og, r	0·0	0·24
	Donaghadee ...	29·72	53	SW	5	og	29·53	–·43	42	41	– 10	SW	3	bc	3	53	41	–	*	0·21
	Liverpool Obsy.	29·89	51	SSE	3	o	29·64	–·46	45	43	– 6	WSW	2	b	2	54	44	–	*	0·03
	Holyhead ...	29·81	52	SW	7	ogdp	29·58	–·47	49	46	– 4	SW	3	c	3	53	46	r, odpg	*	0·38
	Pembroke (St. Ann's)	29·86	53	SSW	7	o	29·64	–·47	52	47	– 1	SW	7	cg	6	56	50	–	0·0	0·17
	Scilly (St. Mary's)...	29·86	54	S	6	o	29·73	–·39	52	49	– 2	SW	5	cp	5	56	49	o	0·0	0·06
	Jersey (St. Aubins)...	30·11	52	ESE	3	bm	29·85	–·43	53	52	+ 3	SSW	5	opm	4	53	49	c, bm	5·2	0·06
	Portland Bill ...	30·06	49	SSW	3	c	29·77	–·46	53	50	+ 1	W	4	cp	4	55	49	o, c	*	0·09
	Dungeness ...	30·13	52	W	3	c	29·87	–·38	51	49	– 2	SW	5	c	3	55	50	c	0·2	–
	Wick	29·62	50	W	4	o	29·34	–·48	47	45	+ 1	W	3	o	2	53	43	–	*	0·05
	Nairn	29·61	53	SSW	3	c	29·39	–·46	44	41	– 3	WSW	3	bc	1	56	?43	–	*	0·03
	Aberdeen ...	29·76	50	S	5	bcg	29·42	–·55	49	47	+ 5	SSW	4	cm	3	52	43	c, bcg, p	0·0	0·02
	Leith	29·79	50	S	2	o	29·50	–·46	46	44	– 3	SW	2	bm	*	55	45	–	*	0·06
	North Shields ...	29·85	51	SSW	3	f	29·57	–·52	50	49	+ 3	SSW	3	c	2	53	46	f, p	*	–
GERMANY, &c.	Spurn Head ...	29·99	52	S	4	o	29·68	–·47	50	48	+ 3	S	5	c	4	52	45	–	*	–
	Yarmouth ...	30·08	52	SSW	3	cm	29·82	–·35	50	47	– 1	S	4	c	4	52	48	c, cm	*	–
	Nottingham ...	30·00	51	SSW	1	o	29·68	–·49	51	50	+ 3	S	2	r	*	54	48	o	0·0	0·01
	Oxford	30·02	49	S	3	o	29·72	–·50	52	51	+ 1	S	3	o	*	58	49	og, dp	*	0·02
	London (Brixton)...	30·08	51	S	1	o	29·78	–·44	52	51	0	SSW	5	o	*	55	48	om, og	0·0	–
	The Scaw (Skagen)	30·24	45	SW	1	o	30·16	+·01	45	42	+ 1	S	3	o	1	46	43	–	*	–
	Fanö	30·19	45	SE	2	o	30·10	–·02	42	42	– 3	SE	4	o	*	46	41	–	*	–
	Cuxhaven ...	30·21	48	Z	0	c	30·11	–·03	39	39	– 11	SSE	3	f	*	50	37	c, f	*	–
	The Helder ...	30·14	51	SSW	1	f	29·92	–·25	47	47	– 4	S	2	c	1	54	46	–	*	–
	Brussels	*	*	*	*	*	30·02	–·26	44	43	– 5	S	1	bc	*	50	42	–	*	–
	Berlin	30·25	41	SE	1	b	30·25	+·14	35	34	– 6	SE	1	f	*	43	34	–	*	–
	Frankfürt ...	30·25	48	SW	1	o	30·16	–·09	46	46	– 3	SSE	1	o	*	52	45	–	*	0·04
	Munich	30·30	43	SW	4	o	30·20	–·10	41	41	+ 1	SSE	1	c	*	45	39	–	*	0·12
FRANCE.	C. Gris Nez ...	30·13	50	WSW	3	o	29·90	–·32	46	45	– 8	S	4	o	3	55	45	–	*	–
	Brest	30·02	56	S	4	o	29·87	–·34	54	51	– 1	W	4	c	4	56	54	–	*	–
	Lorient	30·09	54	S	3	o	?	?	53	53	+ 3	W	4	r	4	55	50	–	*	0·16
	Rochefort ...	30·13	51	SE	3	b	30·08	?	50	50	+ 7	S	3	o	*	57	43	–	*	–
	Biarritz																		*	
	Paris	30·22	47	SE	2	b	30·05	–·30	38	38	– 9	S	2	b	*	57	38	–	*	–
	Belfort	30·26	45	ENE	3	o	30·15	–·17	34	34	– 6	WSW	2	f	*	51	33	–	*	–
	Lyons	30·32	41	NW	1	b	30·21	–·20	39	39	– 3	S	1	f	*	49	35	–	*	–
	Nice	30·21	53	WSW	1	b	30·19	–·11	50	46	+ 3	Z	0	bc	0	61	46	–	*	–
	Perpignan ...	30·24	48	Z	0	b	30·19	–·13	45	45	+ 4	SW	2	b	*	58	38	–	*	–
SPAN. PEN.	Corunna																		*	
	Lisbon	30·21	60	NNW	3	b	30·25	–·01	54	53	+ 2	NE	2	c	*	64	52	–	*	–
	Azores (P. Delgada)	30·22	60	NE	5	r	30·27	+·22	60	55	– 4	NE	5	b	3	68	57	–	*	0·04
	" (Horta) ...	30·24	60	NE	5	b	30·31	+·20	59	52	0	NE	4	c	3	68	57	–	*	–

NOTE: *The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster: the Sunshine entered to Dungeness is recorded at Littlestone-on-Sea.*

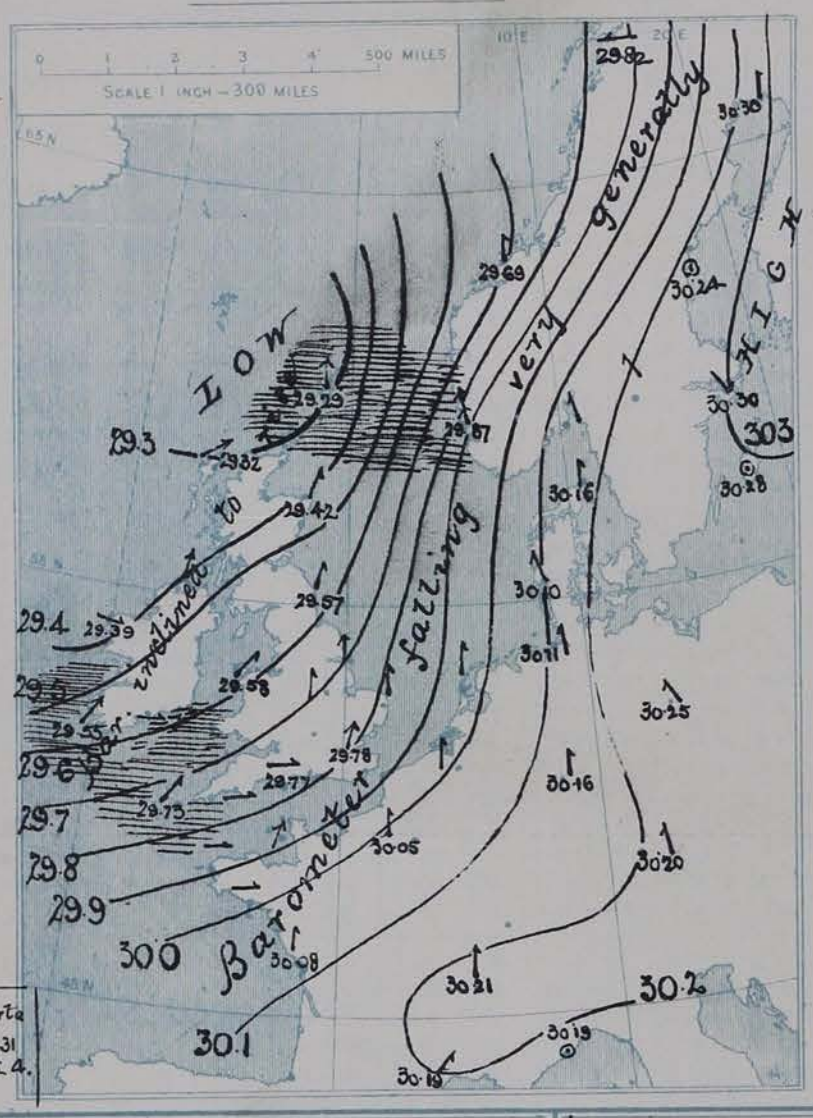
* *Observations for this column not generally received.* † *Observations received too late for insertion in Charts on next page.*

WEATHER CHARTS

FOR Saturday, 14th November, 1903.

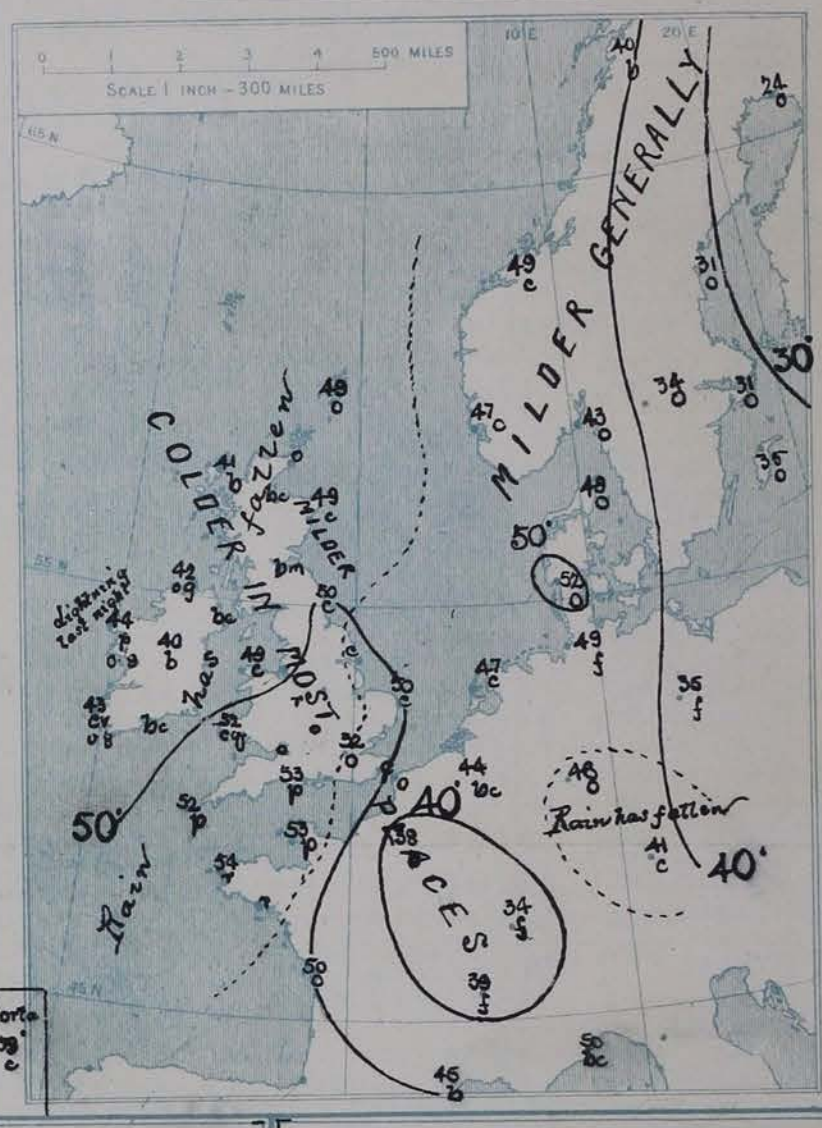
I. BAROMETER, WIND AND SEA. *This Morning.*

BAROMETER.—Isobars are drawn for each tenth of an inch.
WIND.—Arrows show Directions and Force, flying with the wind.
Force above 10 — *Force 8 to 10* — *Force 5 to 7* — *Force 1 to 4* — } Calm ⊙
SEA.—Rough — *High*



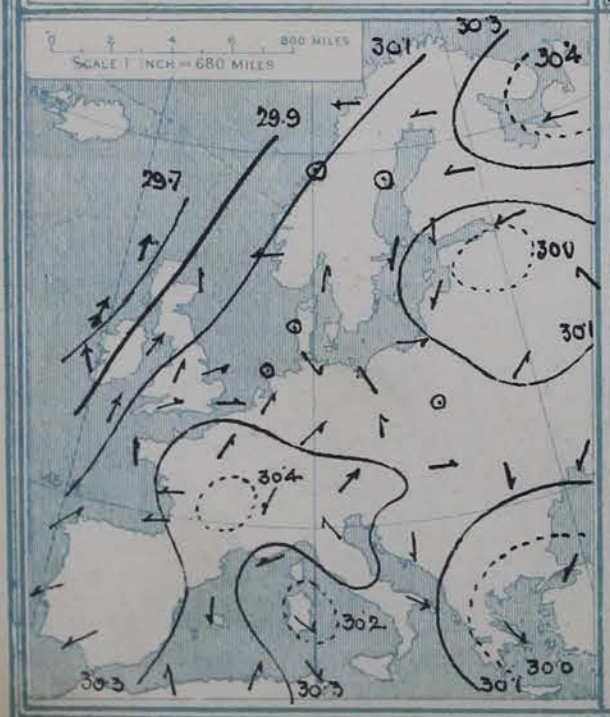
II. TEMPERATURE AND WEATHER. *This Morning.*

TEMPERATURE.—Isotherms are drawn for each 10°
WEATHER.—Shown by Letters of the Beaufort Scale. *(See P. 4.)*
RAINFALL.—A dotted-line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus - 0·6



III. BAROMETER AND WIND

Yesterday morning.



IV. GREATEST AND LEAST MONTHLY RAINFALL IN NOVEMBER

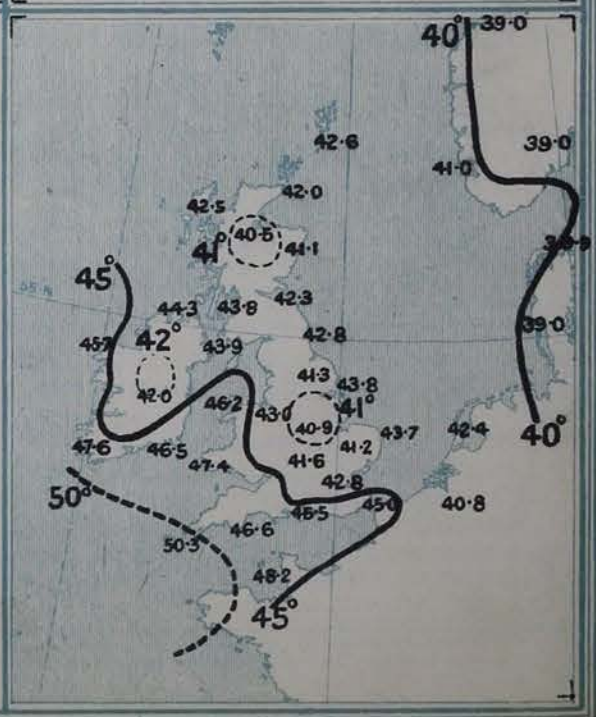
During the 32 Years 1871-1902.

Specimen for LONDON { *Greatest Rainfall* 4·23 (in 1899); *Least ... Do.* 0·43 (in 1871)

V. *Means of* DAILY TEMPERATURE

at 8 A.M. for the monthly period

NOVEMBER. (1871-1900)



GENERAL SITUATION AT 8 A.M.

PRESSURE

A rather deep disturbance has advanced from the Atlantic, the lowest reading of the barometer reported this morning is 29.69 ins. at Stornoway. The anticyclone which lay over the Bay of Biscay for the last two days has advanced eastward, its centre now lies over central France, the highest reading reported being 30.41 ins at Lyons. Pressure is at present very uniform over the North Sea, northern Germany and the greater part of Scandinavia. A high pressure area has made its appearance in the extreme north of Sweden.

WIND
TEMPERATURE
WEATHER
AND
SEA

The new disturbance is causing strong winds from the SSW.wd on our western coasts, at Blacksod Point it is blowing a gale. Further to the east the wind remains moderate from the SW.wd Over France and also over the North Sea it is generally light, and variable in direction. The weather remains dull or cloudy almost everywhere. Rain is falling in the west of Ireland and the north of Scotland and also at Nottingham. On the Continent, much fog prevails in central France; snow is falling at Hernösand and Stockholm. Temperature has changed little, and remains mild over our Islands. Low temperatures are again reported from Sweden, Haparanda 19°, Stockholm 28°. The sea is rough off the west off Ireland and high at Stornoway, moderate or slight elsewhere.

During the past 24 hours the weather remained dull and mild over England and Ireland, and rain fell at almost all stations. An improvement took place in Scotland; Stornoway and Aberdeen reported 5 hours of bright sunshine. At the latter place the minimum temperature fell to 34°

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The disturbance in the northwest will probably advance in a NE.y direction, and cause strong S.y or SW.y winds in the north and west and a considerable freshening of the wind further east. Rain is to be expected generally.

FORECASTS*

For the 24 hours ending at NOON on 14th November, 1903

DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	Strong S.y or SW.y winds; dull and rainy.
1 SCOTLAND EAST	S.y to SW.y winds, fresh or strong; dull some rain.
2 ENGLAND N.E.	
3 ENGLAND EAST	Moderate S.y or SW.y winds, freshening; dull, some rain. Mild.
4 MIDLAND COUNTIES	
5 ENGLAND SOUTH	
6 SCOTLAND WEST	Same as No. 0.
7 ENGLAND N.W.	
8 ENGLAND S.W	S.y to SW.y winds, fresh or strong; dull, some rain.
9 IRELAND NORTH	Same as No. 0.
10 IRELAND SOUTH	
WARNINGS	at 10.30 am today to district 8, "Hoist South Cone."

Note.—The **South Cone**, *point downwards* (▼), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.

The **North Cone**, *point upwards* (▲), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

* *For terms for transmission of Forecasts by Telegraph; see next page.*

ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	Yesterday 6 p.m.					This Morning 8 a.m.									Past 24 Hours.				
	Bar. Ins.	Temp. °	Wind Direc.n	Wind Force	Weather.	Barometer. Ins.	Barometer. Change	Temperature Dry.	Temperature Wet.	Temperature Change	Wind Direc.n	Wind Force	Weather.	Sea	Temperature Max.	Temperature Min.	Weather	Sunshine. Hrs.	Rainfall Ins.
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	m	*	51	47	om, r	0·0	0·13
Bath	30·24	53	SW	2	0	30·25	−·06	50	50	+1	SW	1	8c	*	56	49	–	0·5	0·01

REPORTS FOR YESTERDAY.

STATIONS.	Temperture F. Max.	Temperture F. Min.	Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Sunshine. Hrs.	Rainfall. Ins.
Southport, to 9 p.m.... ...	54°	45°	o, or, om	0·0	0·33	Broadstairs...	*	*	*	0·8	*
Rhyl, to 6 p.m....	*	*	*	0·0	*	Margate	52	45	c, o, r	0·2	0·03
Llandudno...	*	*	*	0·0	*	Lowestoft, to 6 p.m.... ...	51	45	o, r, o	0·0	0·01
Aberystwyth, to 6 p.m. ...	56	52	or	0·0	0·12	Skegness	*	*	*	0·0	*
Plymouth, to 9 p.m.... ...						Scarborough, to 6 p.m. ...	54	*	*	0·0	*
Worthing	*	*	*	0·0	*	Harrogate, to 6 p.m. ...	54	45	or	0·0	0·06
Brighton	53	*	*	0·0	*	Manchester, to 9 p.m. ...	54	43	c, r, om	0·0	0·15
Eastbourne, to 6 p.m. ...	54	*	*	0·0	*	Darwen, to 9 p.m.	52	41	or, md, om	0·0	0·23
Hastings	*	*	*	0·0	*	Birmingham, to 9 p.m. ...	54	44	o, r, c	0·0	0·07

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

STATIONS. 13th Nov.r 1903.	Temperature, F. Max.	Temperature, F. Min.	Weather.	Rain. Ins.	STATIONS.	Temperature, F. Max.	Temperature, F. Min.	Weather.	Rain. Ins.
Copenhagen	48	46	b, c	–	Algiers	72	57	b, b	–
Utrecht...	50	39	o, f	–	Tunis	66	52	c, f	0·08
Groningen	50	41	o, m	–	Madeira (Funchal)	Not	rec.d		
Vienna	49	38	bc, bc	0·16		1 p.m.	*	1 p.m.	Measured 7 a.m.
Marseilles	63	41	bc, bc	–	Geneva	50	*	o	–
Florence	54	36	b, b	–	Berne	45	*	o	0·08
Rome	58	45	b, b	–	Coire	41	*	r	0·12
Naples	58	48	b, b	–	Castasegna	54	*	o	–
Palermo	69	53	c, o	0·12	Lugano	63	*	b	–
Malta	68	58	o	0·04	Davos	34	*	s	0·12

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

COUNTRIES, &c.	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles, Belgium† ...	8 a.m. (West European)	8 a.m.	6 p.m.‡ (W.E.T.)	6 p.m.
Holland	8 a.m. („ „)	8 a.m.	7 p.m. (W.E.T.)	7 p.m.
Germany, Denmark, Norway, Sweden	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
France	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.
Spain	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)	6 p.m.
Portugal	8 a.m. (Lisbon)	8.36 a.m.	3.23 p.m. (Lisbon)	4 p.m.
Azores { Ponta Delgada	6 a.m. (Local)	7.43 a.m.	9 p.m. (Local)	10.43 p.m.
Azores { Horta	6 a.m. (Local)	7.55 a.m.	9 p.m. (Local)	10.55 p.m.

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM, TO-DAY.

13th Nov.r 1903.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	7·12	11·37	4·3
Greenwich	7·16	11·44	4·13
Wick	7·58	11·56	3·55
Valencia	7·59	12·25	4·52

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„ Weekly „ „ „ £1 10 0 „ Single Copies, 6d.

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FORECASTS OF WEATHER for one day in advance are drawn up at the Meteorological Office at 11 a.m., and between 7 and 8 p.m. The latest forecast can be had by Reply Telegram, on paying at any Post Office in the United Kingdom **Sixpence in addition to the cost of the inquiry and reply Telegrams.** Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application to the Meteorological Office, 63, Victoria Street, S.W., either personally or by post.

† The evening observations in Belgium are not given on page 1.

‡ At Oxford the observations are taken at 8 p.m.

DAILY WEATHER REPORT

for 8 a.m. on Sunday 15th NOVEMBER, 1903.

Issued by the METEOROLOGICAL OFFICE, 63, Victoria Street, London. W. N. SHAW, *Secretary.*

	STATIONS.	YESTERDAY EVENING. (See note on last page.) Barom. At 32° and M.S.L. Ins.	Temp. Dry Bulb. °	Wind. Direc.	Force (0 to 12.)	Weather	THIS MORNING. (See note on last page.) Barometer. At 32° Fahr. and M.S.L. Ins.	Change since Yesterday. Ins.	Temperature. Dry Bulb. °	Wet Bulb. °	Change since Yesterday. °	Wind. Direc.	Force (0 to 12.)	Weather	Sea (0 to 9.)	PAST 24 HOURS. Temp. Max. °	Min. °	Weather	Sunshine. Hours.	Rainfall. Ins.
SCANDINAVIA.	Haparanda ...	30.10	30	S	4	0	29.96	-.34	34	33	+10	SSW	4	0	*	?	21	–	*	0.04
	Hernösand ...	30.07	34	SW	6	0	30.04	-.20	34	32	+3	SW	4	0	*	34	28	–	*	–
	Stockholm ...	30.19	36	Z	0	0	30.09	-.21	37	35	+6	SE	2	0	*	37	30	–	*	–
	Wisby	30.21	35	Z	0	c	30.09	-.19	37	35	+2	Z	0	0	*	41	34	–	*	–
	Karlstad	30.10	38	SW	2	0	29.93	-.33	39	37	+5	SW	4	0	*	*	*	–	*	–
	Færder (X'iania Fjord)	29.95	43	SSE	6	0	29.77	-.36	41	38	-2	SE	7	0	4	45	41	–	*	0.12
	Bodö	29.61	37	E	4	c	29.65	-.17	39	36	-1	E	4	r	2	40	32	–	*	–
	Christiansund ...	29.58	49	S	7	0	29.57	-.12	47	43	-2	SSW	1	0	4	50	46	–	*	–
	Skudesnaes ...	29.67	47	SE	6	r	29.51	-.36	45	44	-2	SE	8	r	6	48	45	0, r	*	*
BRITISH ISLANDS	Sumburgh Head	29.43	44	WSW	1	b	29.37	+.08	44	43	-5	N	4	0	4	49	40	c, b	*	0.02
	Stornoway ...	29.37	39	WSW	3	r	29.54	+.22	42	40	+1	NW	4	bc	4	45	38	p, o, r	0.9	0.65
	Malin Head ...	29.41	43	WNW	5	chp	29.62	+.25	45	41	+3	NNW	4	bcp	3	48	41	chp	*	0.13
	Blacksod Pt. ...	29.53	42	WNW	4	bcp	29.69	+.30	46	44	+2	NNE	5	cp	4	47	41	bcp, bc	*	0.45
	Valencia	29.68	45	W	6	op	29.82	+.27	47	44	+4	WNW	6	cqp	6	48	41	chrp	1.7	0.22
	Roche's Point ...	29.68	44	WSW	2	bcp	29.79	+.22	43	41	-2	NW	4	bc	2	47	40	bcp	*	0.02
	Parsonstown ...	29.61	39	SW	3	c	29.70	+.19	38	37	-2	S	2	bc	*	44	37	chp	1.5	0.24
	Donaghadee ...	29.46	43	SW	1	cp	29.63	+.10	37	36	-5	WSW	2	b	2	48	34	cp	*	0.05
	Liverpool Obsy.	29.56	42	WSW	3	bc	29.65	+.01	41	39	-4	WSW	2	c	2	50	39	p, bc	*	0.15
	Holyhead ...	29.55	45	W	4	cp	29.66	+.08	45	43	-4	WNW	4	bc	4	50	43	c, cp	*	0.10
	Pembroke (St. Ann's)	29.66	48	W	7	bc	29.72	+.08	48	44	-4	WNW	7	cgq	5	53	45	bq, hrp	2.7	0.04
	Scilly (St. Mary's)...	29.79	50	WNW	5	cp	29.81	+.08	48	44	-4	WNW	5	cp	4	52	43	chp, cp	5.3	0.11
	Jersey (St. Aubins)...	29.87	50	W	5	bcpgm	? 29.84	-.01	48	45	-5	WSW	5	bcqrhp	4	57	44	bcqrh	2.5	0.54
	Portland Bill ...	29.76	50	W	5	bq	29.77	.00	47	45	-6	WNW	4	bc	4	54	45	cq, bq	*	0.01
	Dungeness ...	29.77	49	WSW	4	oq	29.74	-.13	45	42	-6	WNW	4	c	3	53	42	r, oq	0.0	0.18
	Wick	29.37	46	W	4	c	29.39	+.05	40	39	-7	NE	3	r	2	50	38	c, r	*	0.55
	Nairn	29.37	41	Z	0	r	29.45	+.06	39	39	-5	WNW	5	r	1	52	35	–	*	0.53
	Aberdeen ...	29.39	46	SE	5	r	29.41	-.01	37	36	-12	W	2	or	2	49	35	or, b	5.0	0.23
	Leith	29.41	47	SSW	1	bc	29.46	-.04	43	41	-3	WSW	3	c	*	53	39	–	*	0.03
	North Shields ...	29.48	44	SSW	3	c	29.52	-.05	41	40	-9	SW	2	b	2	54	38	bc, c	*	–
	Spurn Head ...	29.58	47	SW	3	bc	29.62	-.06	38	37	-12	WSW	4	b	2	52	36	–	*	0.02
	Yarmouth ...	29.67	50	SSW	3	c	29.68	-.14	37	36	-13	WSW	3	bm	3	52	36	r, c	*	0.06
	Nottingham ...	29.62	45	SW	2	b	29.66	-.02	34	34	-17	WSW	1	b	*	53	34	c, b	2.0	0.01
	Oxford	29.73	42	SW	2	b	29.73	+.01	38	37	-14	SW	2	b	*	54	38	p, b	*	0.10
	London (Brixton)...	29.72	48	WSW	2	b	29.74	-.04	39	38	-13	WSW	2	bw	*	54	36	or, c, b	1.5	0.05
GERMANY, &c.	The Scaw (Skagen)	29.93	44	S	5	b	29.73	-.43	43	42	-2	SSE	5	m	1	46	43	–	*	–
	Fanö	29.80	44	SE	8	o	29.64	-.46	46	45	+4	SW	2	r	*	46	42	–	*	0.12
	Cuxhaven ...	29.89	46	SSE	4	o	29.71	-.40	46	46	+7	SW	1	r	*	48	39	–	*	0.16
	The Helder ...	29.71	49	SW	4	r	29.69	-.23	48	43	+1	WSW	3	bc	2	50	47	–	*	0.24
	Brussels	*	*	*	*	*	29.83	-.19	41	40	-3	SSW	3	o	*	61	40	–	*	0.08
	Berlin	30.08	36	SE	3	b	29.83	-.42	36	35	+1	SSE	3	o	*	41	32	–	*	–
	Frankfürt ...	30.00	44	SW	2	o	29.88	-.28	45	44	-1	SW	3	o	*	50	41	–	*	0.04
	Munich	30.04	42	SE	3	b	29.97	-.23	44	41	+3	SW	5	o	*	52	37	–	*	–
FRANCE.	C. Gris Nez ...	29.76	?	SW	5	o	29.75	-.15	44	44	-2	SW	4	r	4	52	43	–	*	0.63
	Brest	29.93	51	WNW	4	c	29.93	+.06	50	45	-4	NW	3	c	4	57	46	–	*	0.04
	Lorient	29.94	52	WNW	5	o	29.92	-	52	52	-	WNW	5	o	5	57	46	–	*	0.28
	Rochefort ...	30.02	56	W	4	o	30.00	-.08	53	52	+3	WSW	4	o	*	61	46	o	*	0.24
	Biarritz	30.17	60	W	3	bc	30.17	+.04	55	54	+1	W	4	r	3	63	52	–	*	0.12
	Paris	29.91	51	SSW	3	r	29.91	-.14	41	41	+3	SSW	3	c	*	53	38	–	*	0.24
	Belfort	30.04	45	WSW	4	b	29.95	-.20	44	44	+10	WSW	6	r	*	55	34	–	*	0.20
	Lyons	30.11	48	SW	1	b	30.06	-.15	45	43	+6	SW	1	r	*	56	39	–	*	–
	Nice	30.12	52	SW	1	c	29.98	-.21	48	45	-2	Z	0	b	0	59	45	–	*	–
	Perpignan ...	30.12	48	Z	0	b	30.11	-.08	42	41	-3	SW	1	b	*	62	38	–	*	–
SPAN. PEN.	Corunna	30.21	59	NW	1	bc	30.24	+.04	52	50	-7	W	1	o	6	59	48	–	*	0.24
	Lisbon	30.23	59	WSW	3	o	? 30.23	-.02	56	53	+2	NNE	2	b	*	61	54	–	*	–
	Azores (P. Delgada)	30.31	60	NE	5	c	30.28	+.01	59	55	-1	NE	5	c	3	64	57	–	*	–
	" (Horta) ...	30.36	60	NE	4	c	30.33	+.02	60	53	+1	ENE	4	bc	3	63	57	–	*	–

NOTE: *The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster: the Sunshine entered to Dungeness is recorded at Littlestone-on-Sea.*

* *Observations for this column not generally received.*

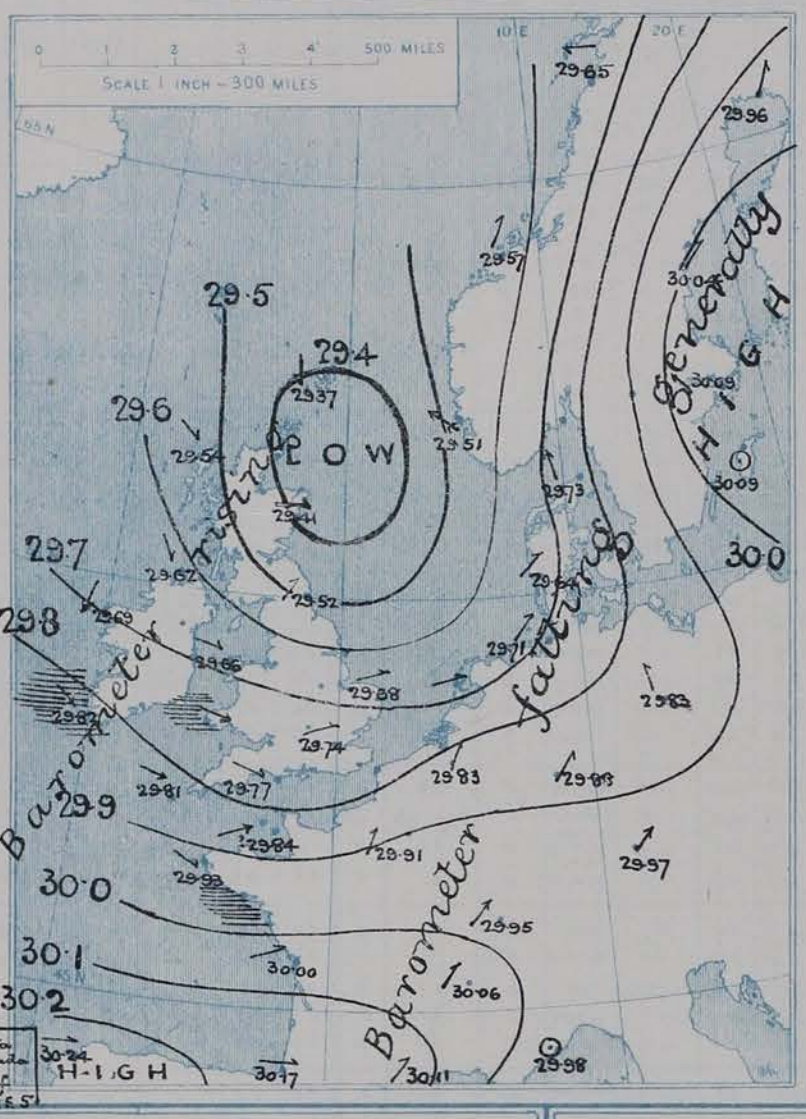
† *Observations received too late for insertion in Charts on next page.*

WEATHER CHARTS

FOR SUNDAY, 15th NOVEMBER, 1903.

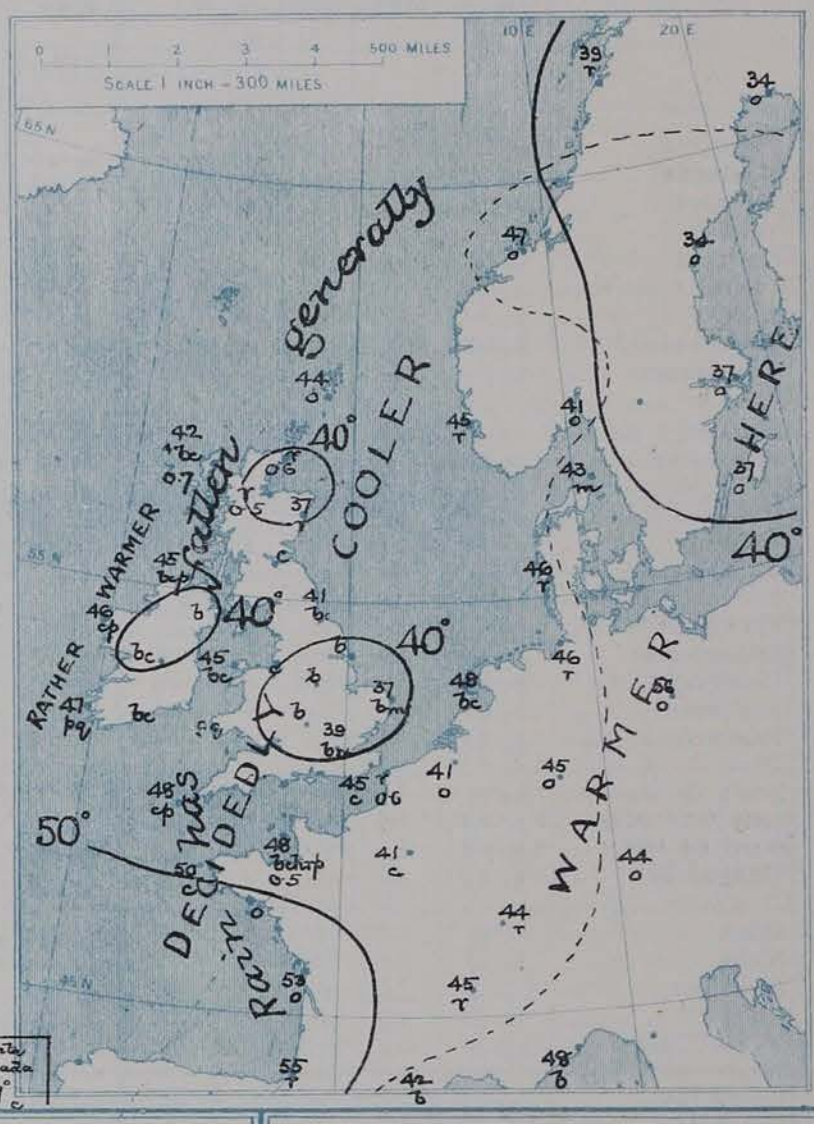
I. BAROMETER, WIND AND SEA. *This Morning.*

BAROMETER.—Isobars are drawn for each tenth of an inch.
WIND.—Arrows show Directions and Force, flying with the wind.
Force above 10 ; *Force 8 to 10* ; *Force 5 to 7* ; *Force 1 to 4* ; Calm
SEA.—Rough *High*



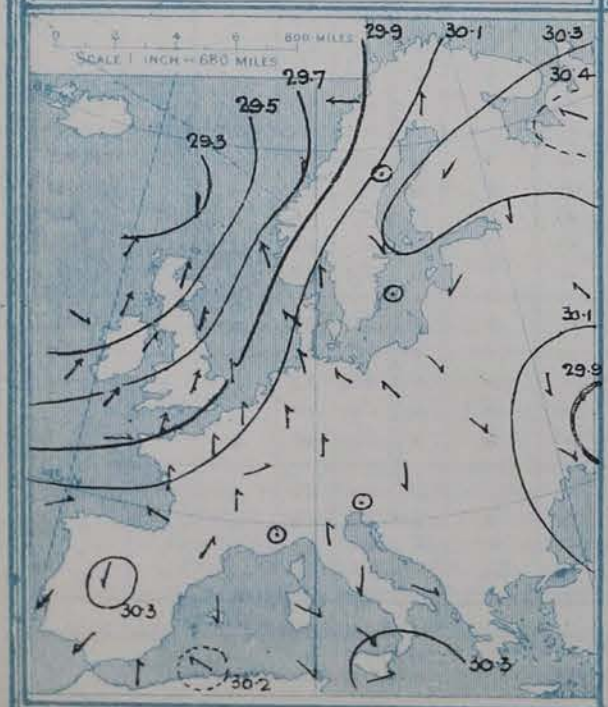
II. TEMPERATURE AND WEATHER. *This Morning.*

TEMPERATURE.—Isotherms are drawn for each 10°.
WEATHER.—Shown by Letters of the Beaufort Scale. *(See P. 4.)*
RAINFALL.—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus – 0·6



III. BAROMETER AND WIND

Yesterday morning.



IV. GREATEST AND LEAST MONTHLY RAINFALL IN NOVEMBER

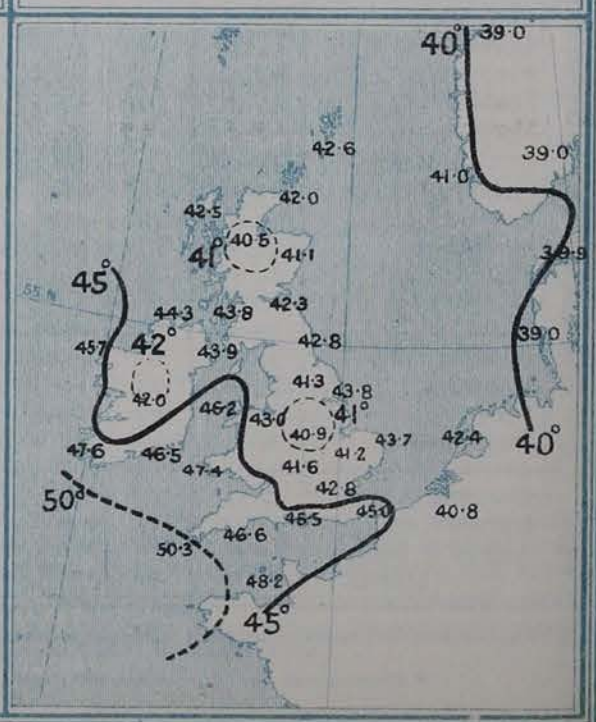
During the 32 Years 1871–1902.

Specimen for LONDON { *Greatest Rainfall* 4·23 (in 1899); *Least ... Do.* 0·43 (in 1871)

V. *Means of* DAILY TEMPERATURE

at 8 A.M. for the monthly period

NOVEMBER. (1871–1900.)



GENERAL SITUATION AT 8 A.M.

PRESSURE

The whole of our area is this morning under the influence of a large disturbance of which the minimum lies to the north of our Islands. The gradient is steepest over the northern part of the North Sea, there being a difference of pressure of over 0·6 in. between Sumburgh Head and Skudesnaes. A NW^ly wind at Blacksod Point seems to indicate that a "V shaped" depression secondary to the main disturbance lies off our northwest coasts. The anticyclone shown over Lapland yesterday has increased somewhat in intensity.

WIND

The wind is S^ly at the continental stations and in the east of Britain; further to the west it is SW^ly, and at Blacksod Point it has veered to the NW^ly. It is blowing strongly at most of our western stations and gales were experienced during the past 24 hours at several stations. A gale from the SSE^ly is reported from Skudesnaes.

TEMPERATURE

WEATHER

AND

SEA

The weather is still dull in the southeast of England and in the Midlands, but in Ireland, Scotland and the northwest of England the sky is clear generally. Showers are reported from Blacksod Point and from the southwest of England. On the Continent much fog prevails in the eastern part of our area. A rather marked fall of temperature has taken place in Ireland, the readings being all between 9° and 12° lower than those reported yesterday. Elsewhere no very marked changes have occurred, and readings are still rather high. The sea is rather rough on the west and north coasts generally, moderate or slight elsewhere.

The passage of the disturbance in the north along our northwest coasts caused heavy rainfall in the extreme west of Ireland, both Valencia and Blacksod Point report nearly 0·9 in. Further to the east the amounts were smaller; and the extreme east of England, from Spurn Head southward, experienced no rainfall. The amount of sunshine recorded was under one hour at most stations in the British Isles; Jersey, however, reports 5·2 hours.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The disturbance in the north, which appears to be of a "V shaped" character, will pass eastward, the wind will veer to the W and NW, and some fall of temperature may be expected. Changeable, showery weather will prevail generally.

FORECASTS*

For the 24 hours ending at NOON on 15th November, 1903

DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	SW^ly winds, veering to W or NW; some showers, becoming cooler.
1 SCOTLAND EAST	
2 ENGLAND N.E.	S^ly winds, fresh, veering to W; fair generally, but showery. Becoming cooler.
3 ENGLAND EAST	
4 MIDLAND COUNTIES	
5 ENGLAND SOUTH	
6 SCOTLAND WEST	Same as Nos. 0 & 1
7 ENGLAND N.W.	SW^ly winds, veering to W or NW; some showers, becoming cooler.
8 ENGLAND S.W.	
9 IRELAND NORTH	Winds veering to NW; changeable, showery.
10 IRELAND SOUTH	
WARNINGS	At 3.45 pm to districts 6 and 10 and parts of 0 and 9, and at 7 pm to districts, 1, 2, 7 and the remainder of 0 and 9, "Hoist South Cone."

Note.—The **South Cone**, *point downwards* (▼), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.

The **North Cone**, *point upwards* (▲), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

* *For terms for transmission of Forecasts by Telegraph; see next page.*

ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	Yesterday 6 p.m.					This Morning 8 a.m.									Past 24 Hours.				
	Bar. Ins.	Temp. °	Wind Direc^n	Wind Force	Weather.	Barometer. Ins.	Barometer. Change	Temperature Dry.	Temperature Wet.	Temperature Change	Wind Direc^n	Wind Force	Weather.	Sea.	Temperature Max.	Temperature Min.	Weather	Sunshine. Hrs.	Rainfall Ins.
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	c	*	54	48	o,b	0·1	–
Bath	30·03	50	SW	4	o	29·72	– ·53	50	48	o	W	2	o	*	54	49	–	0·0	0·08

REPORTS FOR YESTERDAY.

STATIONS.	Temperture F. Max.	Temperture F. Min.	Weather.	Sunshine Hrs.	Rainfall. Ins.	STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Sunshine Hrs.	Rainfall. Ins.
Southport, to 9 p.m.... ...	55	47	o r m, b, c, o	1·5	0·01	Broadstairs...	*	*	*		*
Rhyl, to 6 p.m....	*	*	*	0·3	*	Margate	56	47	c, o	0·8	0·10
Llandudno...	*	*	*	0·3	*	Lowestoft, to 6 p.m.... ...	51	48	or, o	0·0	0·10
Aberystwyth, to 6 p.m. ...	54	51	o r	0·0	0·03	Skegness	*	*	*	0·0	*
Plymouth, to 9 p.m.... ...	54	50	o	0·0	–	Scarborough, to 6 p.m. ...	53	*	*	0·5	*
Worthing	*	*	*	0·0	*	Harrogate, to 6 p.m. ...	54	48	r, m o	0·0	0·11
Brighton	53	*	*	0·0	*	Manchester, to 9 p.m. ...	54	47	o c u, q	0·0	0·02
Eastbourne, to 6 p.m. ...	54	*	*	0·2	*	Darwen, to 9 p.m.	51	46	o m d, o m	0·0	0·03
Hastings	*	*	*	0·0	*	Birmingham, to 9 p.m. ...	52	47	o	0·0	0·02

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

STATIONS. 13th Nov.r 1903.	Temperature, F. Max.	Temperature, F. Min.	Weather.	Rain. Ins.	STATIONS.	Temperature, F. Max.	Temperature, F. Min.	Weather.	Rain. Ins.
Copenhagen	41	37	o , o	0·04	Algiers	72	57	b , b	–
Utrecht...	52	46	r , m	0·28	Tunis	72	54	c , o	0·04
Groningen	50	45	r , o	0·28	Madeira (Funchal)	73	55	b , bc	–
Vienna	45	39	o , r	0·08	12th Nov. 1903.	1 p.m.	*	1 p.m.	Measured 7 a.m.
Marseilles	63	45	b , bc	–	Geneva	48	*	bc	–
Florence	56	34	b , b	–	Berne	45	*	o	0·12
Rome	58	39	b , b	–	Coire	43	*	b	0·20
Naples	55	45	b , b	–	Castasegna	50	*	b	–
Palermo	63	42	bc , c	0·04	Lugano	54	*	b	–
Malta	65	56	bc	0·08	Davos	34	*	b.	0·43.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

COUNTRIES, &c.	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles, Belgium† ...	8 a.m. (West European)	8 a.m.	6 p.m.‡ (W.E.T.)	6 p.m.
Holland	8 a.m. (" ")	8 a.m.	7 p.m. (W.E.T.)	7 p.m.
Germany, Denmark, Norway, Sweden	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
France	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.
Spain	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)	6 p.m.
Portugal	8 a.m. (Lisbon)	8.36 a.m.	3.23 p.m. (Lisbon)	4 p.m.
Azores { Ponta Delgada	6 a.m. (Local)	7.43 a.m.	9 p.m. (Local)	10.43 p.m.
Azores { Horta	6 a.m. (Local)	7.55 a.m.	9 p.m. (Local)	10.55 p.m.

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM, TO-DAY.

14th Nov.r 1903.	Sunrise G.M.T.	Noon. G.M.T.	Sunset G.M.T.
Yarmouth	7·14	11.38	4.2
Greenwich	7·18	11.45	4.12
Wick	8.0	11.57	3.53
Valencia	8.1	12.26	4.51

SUBSCRIPTIONS both for the Daily *and* Weekly Weather Reports *may be paid, in advance, to the* Meteorological Office.

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" Weekly , " " £1 10 0 " Single Copies, 6d.

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FORECASTS OF WEATHER for one day in advance are drawn up at the Meteorological Office at 11 a.m., and between 7 and 8 p.m. The latest forecast can be had by Reply Telegram, on paying at any Post Office in the United Kingdom **Sixpence in addition to the cost of the inquiry and reply Telegrams.** Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application to the Meteorological Office, 63, Victoria Street, S.W., either personally or by post.

† The evening observations in Belgium are not given on page 1.

‡ At Oxford the observations are taken at 8 p.m.

DAILY WEATHER REPORT

for 8 a.m. on Monday, 16th November, 1903.

Issued by the METEOROLOGICAL OFFICE, 63, Victoria Street, London. W. N. SHAW, *Secretary.*

	STATIONS.	YESTERDAY EVENING. (See note on last page.) Barom. At 32° and M.S.L. Ins.	Temp. Dry Bulb. °	Wind. Direc.	Wind. Force (0 to 12.)	Weather	THIS MORNING. (See note on last page.) Barometer. At 32° Fahr. and M. S. L. Ins.	Barometer. Change since Yesterday. Ins.	Temperature. Dry Bulb. °	Temperature. Wet Bulb. °	Temperature. Change since Yesterday. °	Wind. Direc.	Wind. Force (0 to 12.)	Weather	Sea (0 to 9.)	PAST 24 HOURS. Temp. Max. °	Temp. Min. °	Weather	Sunshine. Hours.	Rainfall. Ins.
SCANDINAVIA.	Haparanda ...	30·08	35	SW	4	o	30·10	+·14	32	30	− 2	S	2	o	*	37	25	–	*	0·04
	Hernösand ...	30·04	37	SW	4	o	29·95	−·09	34	33	0	SSE	4	S	*	39	28	–	*	0·04
	Stockholm ...	29·92	39	SE	2	r	29·76	−·33	33	33	− 4	SE	2	S	*	41	33	–	*	0·12
	Wisby	29·86	35	N	0	s	29·73	−·36	34	33	− 3	N	0	S	*	39	32	–	*	0·04
	Karlstad	29·86	37	ESE	2	o	29·76	−·17	34	33	− 5	ENE	2	S	*	*	*	–	*	–
	Færder (X'iania Fjord)	29·74	39	SE	6	o	29·71	−·06	37	35	− 4	ENE	5	o	2	41	37	–	*	0·20
	Bodö	29·76	38	E	4	r	29·80	+·15	37	36	− 2	SE	1	c	2	39	36	–	*	–
	Christiansund ...	29·60	45	SE	1	o	29·67	+·10	41	39	− 6	N	0	c	2	47	41	–	*	–
	Skudesnaes ...	29·59	45	SE	4	o	29·67	+·16	42	39	− 3	ESE	4	o	3	45	41	o	*	*
BRITISH ISLANDS.	Sumburgh Head	29·52	43	N	4	o	29·65	+·28	42	41	− 2	N	4	c	5	44	38	r, o	*	0·10
	Stornoway ...	29·78	42	NNW	5	rg	29·92	+·38	38	35	− 4	NNW	5	o	5	45	34	rhg, rg	2·9	0·14
	Malin Head ...	29·82	46	NNW	5	8cp	29·95	+·33	43	39	− 2	N	6	op	5	48	39	8, 8cp	*	0·04
	Blacksod Pt. ...	29·91	45	NNW	3	8p	30·07	+·38	44	42	− 2	N	4	cp	3	49	42	8c, 8p	*	0·07
	Valencia	29·99	47	NNW	4	p	30·08	+·26	44	42	− 3	N	3	cp	4	51	43	cgp, p	4·0	0·12
	Roche's Point ...	29·89	46	NNW	5	8c	30·03	+·24	42	40	− 1	NNW	3	8c	1	51	41	8c	*	0·01
	Parsonstown ...	29·88	41	NW	3	8	30·05	+·35	32	31	− 6	N	2	c	*	47	31	–	5·0	–
	Donaghadee ...	29·78	45	WNW	3	8c	29·90	+·27	44	39	+ 7	NNW	4	8cp	5	47	35	–	*	0·07
	Liverpool Obsy.	29·73	46	WNW	4	c	29·83	+·18	42	37	+ 1	NW	5	8	4	47	40	cp	*	0·08
	Holyhead ...	29·76	48	NW	4	8c	29·88	+·22	46	43	+ 1	NNW	8	cgp	6	48	43	8c	*	–
	Pembroke (St. Ann's)	29·81	47	N	3	c	29·93	+·21	46	43	− 2	NNW	4	8c	2	49	43	c, 8	2·7	–
	Scilly (St. Mary's)...	29·85	50	WNW	5	cp	29·95	+·14	48	44	0	N	5	c	3	53	44	c, cp	6·4	0·02
	Jersey (St. Aubins)...	29·88	49	WNW	4	8c	29·91	+·07	44	41	− 4	NW	3	8cp	3	53	39	cp, 8cgp	4·8	0·35
	Portland Bill ...	29·80	47	NW	4	cp	29·86	+·09	45	43	− 2	NNW	4	8c	2	51	41	cp	*	0·01
	Dungeness ...	29·76	43	W	1	8	?29·81	+·07	34	33	− 11	NW	2	8	1	51	31	8c, 8	5·9	–
	Wick	29·61	43	NNE	4	c	29·74	+·35	40	38	0	NNE	5	8c	3	49	35	–	*	0·35
	Nairn	29·70	40	NNW	3	8	29·82	+·37	39	38	0	NNW	5	c	3	45	36	–	*	0·14
	Aberdeen ...	29·60	42	NW	5	c	29·72	+·31	39	38	+ 2	WNW	6	rg	3	42	35	r, c	0·0	0·35
	Leith	29·63	43	NW	3	8c	29·80	+·34	37	34	− 6	WSW	1	8	*	48	35	–	*	–
	North Shields ...	29·59	45	NW	4	8	29·73	+·21	37	35	− 4	W	3	c	2	46	33	p, 8	*	0·01
	Spurn Head ...	29·62	43	WSW	6	c	29·70	+·08	39	37	+ 1	NW	5	8	3	47	36	–	*	–
	Yarmouth ...	29·66	44	W	3	8cf	29·70	+·02	37	36	0	WNW	4	8	4	45	36	8, 8cf	*	–
	Nottingham ...	29·70	44	W	1	8c	29·79	+·13	32	32	− 2	W	1	c	*	48	30	–	2·3	–
	Oxford	29·80	38	W	2	8	29·86	+·13	33	32	− 5	WSW	1	8	*	48	33	–	*	–
	London (Brixton)...	29·75	44	W	2	c	29·82	+·08	35	33	− 4	WNW	1	m	*	49	33	8c, 8	4·0	–
GERMANY, &c.	The Scaw (Skagen)	29·66	39	SSE	5	r	29·66	−·07	39	36	− 4	ESE	3	o	1	45	37	–	*	0·71
	Fanö	29·60	39	N	0	8	29·56	−·08	37	36	− 9	NE	1	c	*	48	37	–	*	–
	Cuxhaven ...	29·68	43	W	1	c	29·56	−·15	38	37	− 8	S	2	o	*	46	37	–	*	–
	The Helder ...	29·63	43	W	1	8c	29·55	−·14	48	44	0	NW	4	c	4	50	41	–	*	0·55
	Brussels	*	*	*	*	*	29·79	−·04	37	37	− 4	SW	3	8c	*	42	35	–	*	–
	Berlin	29·70	40	W	2	8	29·69	−·14	39	38	+ 3	SW	2	o	*	43	32	–	*	0·04
	Frankfürt ...	29·83	43	WSW	2	o	29·85	−·03	39	38	− 6	SW	3	8	*	50	37	–	*	0·12
	Munich	29·89	40	SE	4	c	29·90	−·07	38	37	− 6	SW	5	o	*	50	37	–	*	0·04
FRANCE.	C. Gris Nez ...	29·75	47	W	4	8c	29·78	+·03	42	41	− 2	WNW	4	8	4	50	41	–	*	0·08
	Brest	29·92	50	NNW	2	8c	29·92	−·01	46	44	− 4	N	3	c	3	54	45	–	*	0·04
	Lorient	29·93	55	NW	4	c	29·91	−·01	46	46	− 6	N	3	c	3	57	45	–	*	–
	Rochefort ...	?30·01	53	NW	2	r	29·90	−·10	47	46	− 6	ENE	2	o	*	55	46	8c, r	*	0·51
	Biarritz	30·09	56	W	4	r	29·93	−·24	55	50	0	SW	4	o	3	57	50	–	*	0·12
	Paris	29·88	42	W	2	8	29·88	−·03	31	31	− 10	SSW	2	8	*	52	31	–	*	–
	Belfort	29·90	41	WSW	3	o	29·89	−·06	38	37	− 6	W	2	c	*	49	38	–	*	0·32
	Lyons	30·00	48	SW	1	r	29·93	−·13	44	44	− 1	N	1	f	*	53	44	–	*	0·08
	Nice	29·86	54	W	1	8	29·84	−·14	49	45	+ 1	N	0	c	0	59	46	–	*	–
	Perpignan ...	30·05	55	N	0	o	29·95	−·16	49	48	+ 7	N	0	o	*	63	42	–	*	–
SPAN. PEN.	Corunna																		*	
	Lisbon	30·16	55	NNW	3	c	30·06	−·17	56	54	0	SW	1	c	*	61	54	–	*	–
	Azores (P. Delgada)	30·26	59	ENE	4	r	30·24	−·04	57	53	− 2	NE	4	c	3	64	57	–	*	–
	„ (Horta) ...	30·30	62	NE	5	8	30·24	−·09	61	58	+ 1	NE	5	o	3	63	60	–	*	–

NOTE: *The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster: the Sunshine entered to Dungeness is recorded at Littlestone-on-Sea.*

* *Observations for this column not generally received.*

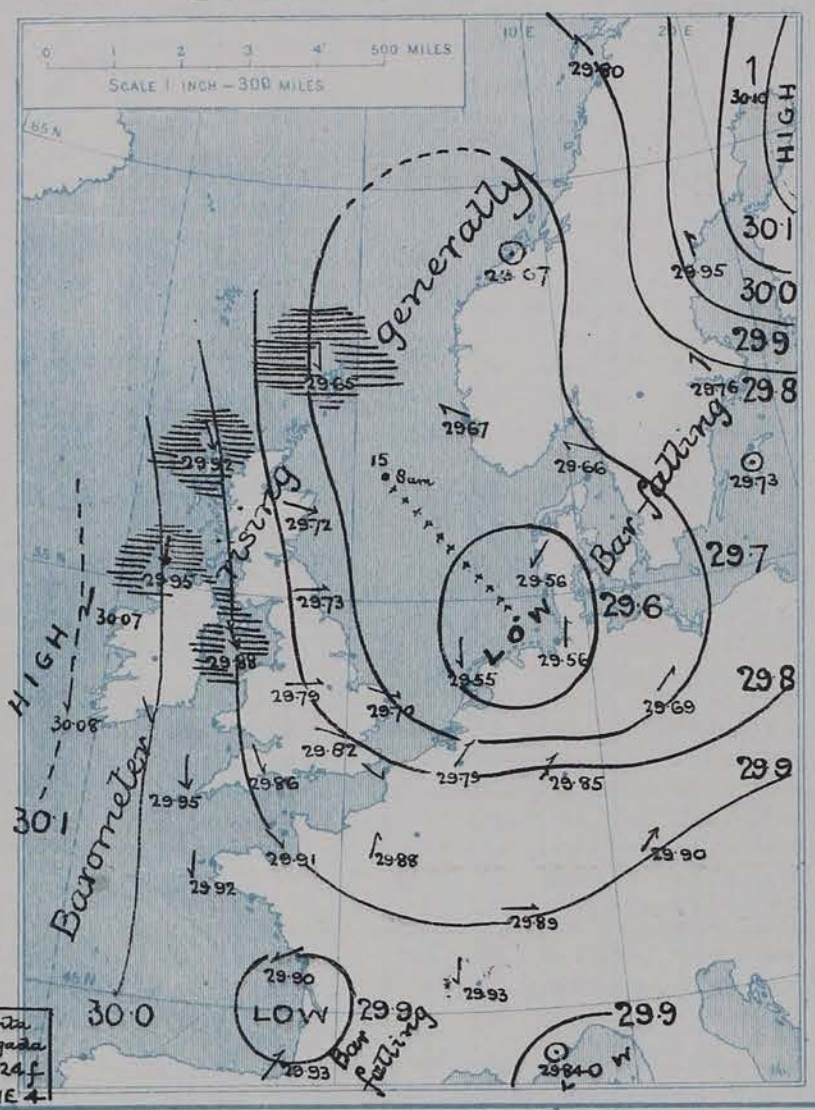
† *Observations received too late for insertion in Charts on next page.*

WEATHER CHARTS

FOR MONDAY, 16TH NOVEMBER, 1903.

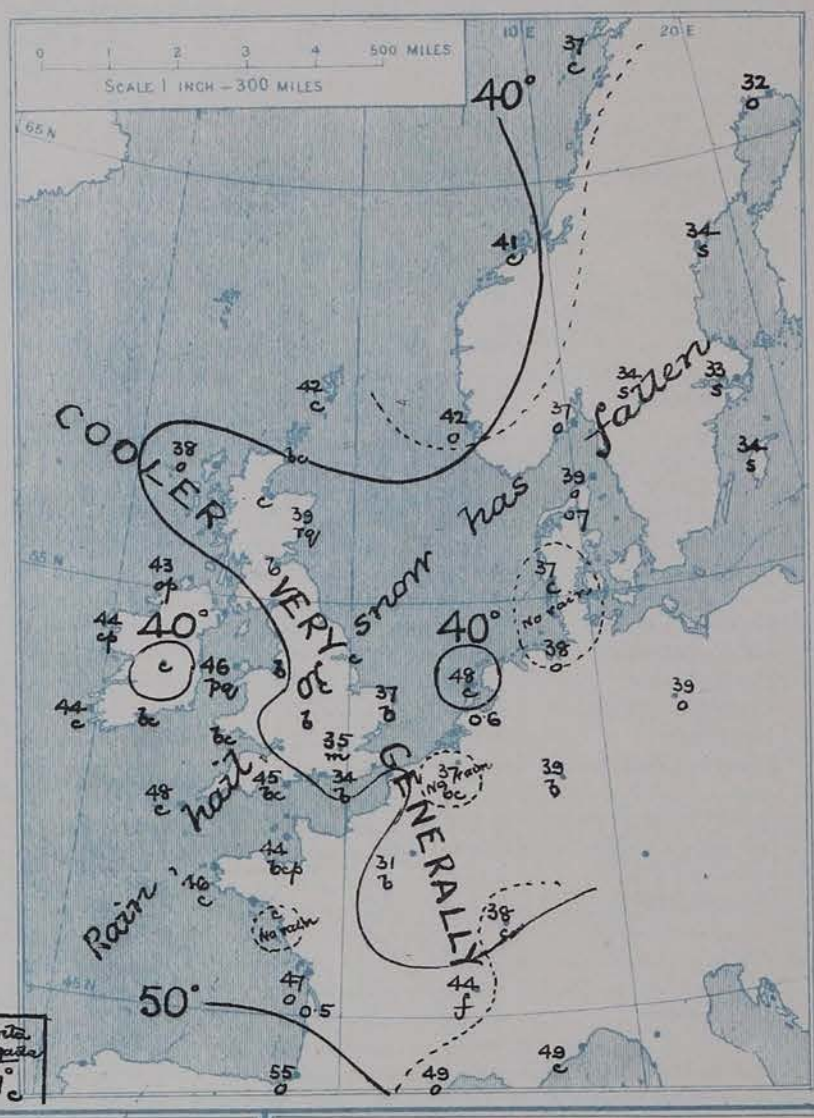
I. BAROMETER, WIND AND SEA. *This Morning.*

BAROMETER.—Isobars are drawn for each tenth of an inch.
WIND.—Arrows show Directions and Force, flying with the wind.
Force above 10 — *Force 8 to 10* — *Force 5 to 7* — *Force 1 to 4* — Calm
SEA.—Rough — *High*



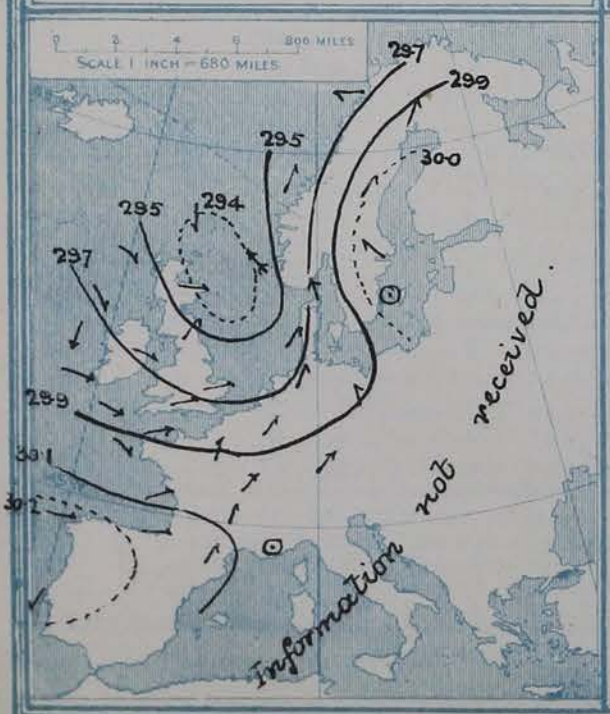
II. TEMPERATURE AND WEATHER. *This Morning.*

TEMPERATURE.—Isotherms are drawn for each 10°.
WEATHER.—Shown by Letters of the Beaufort Scale. (See P. 4.)
RAINFALL.—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus - 0·6

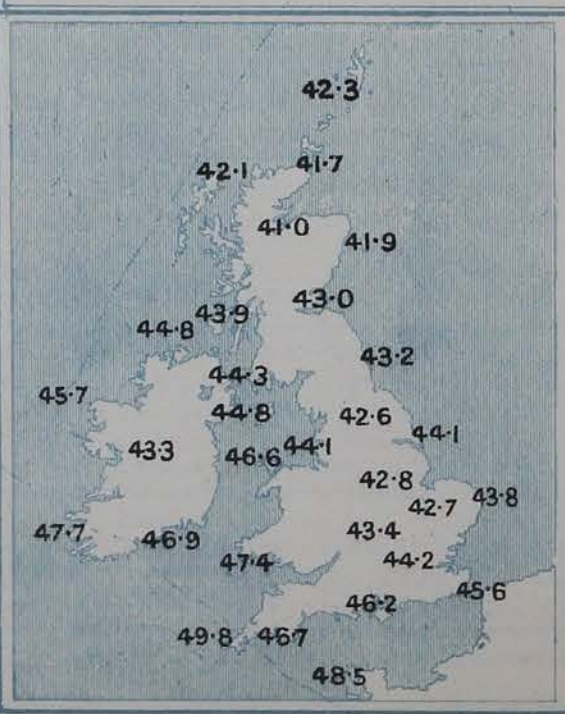


III. BAROMETER AND WIND

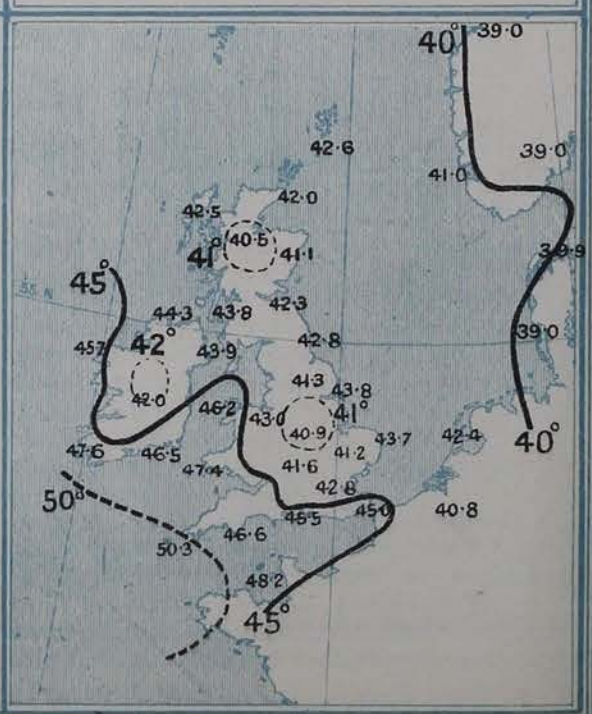
Yesterday morning.



IV. *Averages of* DAILY MAXIMUM *and* MINIMUM TEMPERATURES *combined for the month of* NOVEMBER. (1871-1900)



V. *Means of* DAILY TEMPERATURE *at* 8 A.M. *for the monthly period* NOVEMBER. (1871-1900)



GENERAL SITUATION AT 8 A.M.

PRESSURE

A disturbance, secondary to the one which passed northward yesterday, has during the past night moved eastward across the south of Scotland and is now centred out in the upper part of the North Sea. In its rear the barometer is rising over our Islands generally, while it is giving way at nearly all stations in the western and northern parts of the Continent, the anticyclone over the Gulf of Bothnia moving eastward to Russia, and the one over the Spanish Peninsula breaking up.

WIND

W.ly to S.W.ly winds prevail over the eastern districts of Britain, from Aberdeen southward, light to moderate in force, but elsewhere the direction has changed to between W.N.W. and N., moderate or fresh in many places, a strong breeze at Valencia and a moderate gale at Pembroke. On the Continent, from the Bay of Biscay to Denmark, a W.ly to S.W.ly current is reported, generally light, but fresh or strong locally. Over Scandinavia the direction is variable, a S.E.ly moderate gale blowing at Faerder and a fresh gale at Skudesnaes.

TEMPERATURE

Temperature has risen on our western coasts, in Sweden and in various parts of France, Germany and the Low Countries, fallen elsewhere, decidedly over the eastern and inland districts of England. The present readings range from 34° at Nottingham and 37° at Aberdeen and Yarmouth to 48° at Pembroke, Scilly and Jersey; on the Continent from 34° at Haparanda and Hernosand and 36° at Berlin to 53° at Rochefort and 55° at Biarritz.

WEATHER AND SEA

The weather is in a changeable condition, fair or fine in many places, showery in others, rainy in the north of Scotland and hail falling at Jersey. A thunderstorm occurred at Eastbourne last night. At most of the Continental stations dulness prevails and rain is falling at several stations. The sea is rough at Valencia and Skudesnaes and rather rough at Pembroke and Lorient.

During yesterday temperature rose to 57° at Jersey and to 54° over the south of England, but only to 45° at Stornoway and 44° at Parsonstown. Bright sunshine was registered at nearly all stations, as much as 5·3 hours at Scilly.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

FORECASTS*

For the 24 hours ending at NOON on 16th November, 1903

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	None issued.	6 SCOTLAND WEST	None issued.
1 SCOTLAND EAST		7 ENGLAND N.W.	
2 ENGLAND N.E.		8 ENGLAND S.W	
3 ENGLAND EAST		9 IRELAND NORTH	
4 MIDLAND COUNTIES		10 IRELAND SOUTH	
5 ENGLAND SOUTH		WARNINGS	The South Cone is still flying in districts 0 to 2, 6, 7, 9 & 10.

Note.—The **South Cone**, *point downwards* (▼), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.

The **North Cone**, *point upwards* (▲), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

* *For terms for transmission of Forecasts by Telegraph, see next page.*

ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	Yesterday 6 p.m.					This Morning 8 a.m.									Past 24 Hours.				
	Bar. Ins.	Temp. °	Wind Direc.	Wind Force	Weather.	Barometer. Ins.	Barometer. Change	Temperature Dry.	Temperature Wet.	Temperature Change	Wind Direc.	Wind Force	Weather.	Sea.	Temperature Max.	Temperature Min.	Weather	Sunshine. Hrs.	Rainfall Ins.
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	b	*	51	40	cp, b	0.3	0.06
Bath	29.73	41	W	4	0	29.75	+.03	40	39	-.10	W	1	bc	*	54	?35	—	2.2	0.4

REPORTS FOR YESTERDAY.

STATIONS.	Temperture F. Max.	Temperture F. Min.	Weather.	Sunshine Hrs.	Rainfall. Ins.	STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Sunshine Hrs.	Rainfall. Ins.
	°	°					°	°			
Southport, to 9 p.m.... ...	52	43	op, c, b, oph	3.1	0.09	Broadstairs...	*	*	*		*
Rhyl, to 6 p.m....	*	*	*		*	Margate	52	48	c, o	0.0	—
Llandudno...	*	*	*	2.7	*	Lowestoft, to 6 p.m.... ...					
Aberystwyth, to 6 p.m. ...	51	45	or	1.0	0.10	Skegness	*	*	*	1.6	*
Plymouth, to 9 p.m.... ...	56	45	bcp	2.9	0.12	Scarborough, to 6 p.m. ...					
Worthing	*	*	*	2.1	*	Harrogate, to 6 p.m. ...	51	43	rn, bc	4.5	0.03
Brighton	*	*	*		*	Manchester, to 9 p.m. ...	54	40	b, bcp	3.3	0.06
Eastbourne, to 6 p.m. ...		*	rlhr.		*	Darwen, to 9 p.m.	49	36	orwc	2.6	0.26
Hastings		*	*	0.0	*	Birmingham, to 9 p.m. ...	52	39	o.c.p	2.1	0.10
						Beitws-y-Coed	55	*		*	*

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

STATIONS. 14th Nov. 1908.	Temperature, F. Max.	Temperature, F. Min.	Weather.	Rain. Ins.	STATIONS.	Temperature, F. Max.	Temperature, F. Min.	Weather.	Rain. Ins.
Copenhagen	43	39	o, o	—	Algiers	72	57	b, b	—
Utrecht...	54	43	bc, m	—	Tunis	73	54	bc, c	—
Groningen	54	45	bc, m	—	Madeira (Funchal) Not recd.				
Vienna	41	37	r, o	0.79	13th November,	1 p.m.	*	1 p.m.	Measured 7 a.m.
Marseilles	64	46	bc, o	—	Geneva	48	*	b	—
Florence	52	43	b, o	—	Berne	43	*	c	0.04
Rome	57	41	b, o	—	Coire	41	*	r	0.08
Naples	57	46	b, bc	—	Castasegna	46	*	c	—
Palermo	63	44	b, f	—	Lugano	50	*	b	—
Malta	59	53	?, b	—	Davos	36	*	s	0.16

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER,—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

COUNTRIES, &c.	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles, Belgium† ...	8 a.m. (West European)	8 a.m.	6 p.m.‡ (W.E.T.)	6 p.m.
Holland	8 a.m. (,, ,,)	8 a.m.	7 p.m. (W.E.T.)	7 p.m.
Germany, Denmark, Norway, Sweden	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
France	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.
Spain	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)	6 p.m.
Portugal	8 a.m. (Lisbon)	8.36 a.m.	3.23 p.m. (Lisbon)	4 p.m.
Azores { Ponta Delgada	6 a.m. (Local)	7.43 a.m.	9 p.m. (Local)	10.43 p.m.
Azores { Horta	6 a.m. (Local)	7.55 a.m.	9 p.m. (Local)	10.55 p.m.

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM, TO-DAY.

15th Nov., 1908.	Sunrise G.M.T.	Noon G.M.T	Sunset G.M.T.
Yarmouth	7.16	11.38	4.0
Greenwich	7.20	11.45	4.10
Wick	8.3	11.57	3.51
Valencia	8.3	12.26	4.49

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FORECASTS OF WEATHER for one day in advance are drawn up at the Meteorological Office at 11 a.m., and between 7 and 8 p.m. The latest forecast can be had by Reply Telegram, on paying at any Post Office in the United Kingdom **Sixpence in addition to the cost of the inquiry and reply Telegrams.** Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application to the Meteorological Office, 63, Victoria Street, S.W., either personally or by post.

† The evening observations in Belgium are not given on page 1.

‡ At Oxford the observations are taken at 8 p.m.

DAILY WEATHER REPORT

for 8 a.m. on Tuesday, 17th November, **1903.**

Issued by the METEOROLOGICAL OFFICE, 63, Victoria Street, London. **W. N. SHAW,** *Secretary.*

	STATIONS.	YESTERDAY EVENING. (See note on last page.) Barom. At 32° and M.S.L. Ins.	Temp. Dry Bulb. °	Wind. Direc.	Force (0 to 12.)	Weather	THIS MORNING. (See note on last page.) Barometer. At 32° Fahr. and M.S.L. Ins.	Change since Yesterday. Ins.	Temperature. Dry Bulb. °	Wet Bulb. °	Change since Yesterday. °	Wind. Direc.	Force (0 to 12.)	Weather	Sea (0 to 9.)	PAST 24 HOURS. Temp. Max. °	Min. °	Weather	Sunshine. Hours.	Rainfall. Ins.
SCANDINAVIA.	Haparanda ...	30·02	34	S	2	o	29·87	−·23	33	32	+1	S	2	o	*	34	30	–	*	–
	Hernösand ...	29.81	35	SSE	4	o	29.62	−·33	36	34	+2	S	2	o	*	37	32	–	*	0·28
	Stockholm ...	29·60	33	S	2	o	29.65	−·11	32	32	−1	N	o	f	*	36	32	–	*	0·39
	Wisby	29.66	33	N	o	b	29.65	−·08	36	35	+2	N	o	o	*	41	30	–	*	0·20
	Karlstad	29.66	33	SE	2	o	29.63	−·13	32	31	−2	NE	2	bc	*	*	*	–	*	0·04
	Færder (X'iania Fjord)	29.65	37	NNE	2	o	29.65	−·06	35	34	−2	NNE	1	o	1	37	34	–	*	–
	Bodö	29.75	36	SE	2	c	29.65	−·15	34	31	−3	SE	4	b	2	37	30	–	*	–
	Christiansund ...	29.60	39	S	3	r	29.51	−·16	42	41	+1	NW	4	r	4	43	36	–	*	0·20
	Skudesnaes ...	29.68	41	N	o	o	29.74	+·07	41	40	−1	NW	6	o	2	42	39	o	*	*
BRITISH ISLANDS.	Sumburgh Head	29.73	39	N	4	c	29.75	+·10	36	35	−6	N	4	c	5	43	35	hg, o	*	0·16
	Stornoway ...	29.94	38	NNW	3	c	29.97	+·05	40	36	+2	NNW	5	o	5	40	35	c	1·1	0·11
	Malin Head ...	30·03	43	N	6	cp	29.99	+·04	47	43	+4	N	7	op	5	47	39	c, cp	*	0·03
	Blacksod Pt. ...	30·12	44	NNW	3	bc	30·10	+·03	49	46	+5	NNW	4	o	4	49	43	c, bc	*	0·04
	Valencia	30·16	46	NNE	1	o	30·16	+·08	49	47	+5	WNW	4	o	4	50	41	cp, o	0·3	0·03
	Roche's Point ...	30·10	45	NNW	4	bc	30·10	+·07	47	43	+5	NW	5	o	2	47	39	o, bc	*	0·01
	Parsonstown ...	30·09	39	NE	2	b	30·07	+·02	44	43	+12	W	2	or	*	45	32	–	2·1	0·02
	Donaghadee ...	29.99	45	NNE	4	ogq	29.95	+·05	47	42	+3	N	6	cgq	6	47	38	ogq	*	0·02
	Liverpool Obsy.	29.92	44	N	3	o	29.84	+·01	45	44	+3	WNW	5	p	3	46	41	–	*	0·14
	Holyhead ...	29.94	44	NNW	8	ghr	29.89	+·01	48	47	+2	NW	8	ogr	6	48	42	bc, ghr	*	0·12
	Pembroke (St. Ann's)	29.97	45	NW	6	bc	30·01	+·08	47	45	+1	NNW	5	og	4	48	42	bc, p	4·0	0·01
	Scilly (St. Mary's)...	30·02	49	N	5	cp	30·08	+·13	48	44	0	NNW	5	o	3	51	44	o, cp	2·1	0·03
	Jersey (St. Aubins)...	29.92	48	NW	4	cp	30·01	+·10	45	41	+1	NNW	3	cpm	3	52	42	bc, gp	4·7	0·06
	Portland Bill ...	29.92	43	NNW	4	bc	30·00	+·14	43	41	−2	NNW	3	c	2	49	40	cg, b	*	–
	Dungeness ...	29·85	36	NW	1	m	29·90	+·09	39	37	+5	NNW	3	cm	1	46	33	m	5·0	–
	Wick	29·83	44	NNE	6	c	29·79	+·05	40	38	0	NNE	7	c	3	46	38	c, prs	*	0·20
	Nairn	29.92	37	N	2	c	29.89	+·07	39	37	0	N	3	c	3	42	33	–	*	0·03
	Aberdeen ...	29.86	37	WNW	6	bg	29.74	+·02	38	36	−1	WNW	7	bcg	3	43	34	or, b, rg	2·5	0·22
	Leith	29.92	39	WNW	1	b	29.86	+·06	39	37	+2	NW	1	b	*	47	35	–	*	0·03
	North Shields ...	29.89	42	NW	4	c	29.79	+·06	37	36	0	WNW	3	c	3	44	33	r, c, r	*	0·44
	Spurn Head ...	29.75	41	NW	6	c	29·80	+·10	37	36	−2	NW	4	c	4	44	35	c	*	0·05
	Yarmouth ...	29.70	41	WNW	4	c	29·82	+·12	37	35	0	WNW	4	bcm	4	42	36	o, c	*	0·12
	Nottingham ...	29.82	43	WNW	2	c	29.85	+·06	37	36	+5	W	1	o	*	43	32	–	2·4	–
	Oxford	29.91	39	WNW	3	o	29.94	+·08	37	35	+4	W	2	o	*	43	33	o	*	–
	London (Brixton)...	29.84	38	WNW	1	b	29.91	+·09	38	36	+3	NNW	2	o	*	44	34	bcm, o	1·3	–
GERMANY, &c.	The Scaw (Skagen)	29.65	36	WSW	1	c	29.65	−·01	37	36	−2	SW	1	o	0	41	34	–	*	0·12
	Fanö	29.67	38	NE	2	o	29·70	+·14	33	33	−4	NE	1	c	*	45	32	–	*	–
	Cuxhaven ...	29.60	42	N	0	o	29·69	+·13	40	40	+2	SW	2	o	*	45	38	–	*	0·12
	The Helder ...	29.66	43	W	1	r	29·73	+·18	47	43	−1	N	2	c	2	48	39	–	*	0·32
	Brussels	*	*	*	*	*	29·85	+·06	36	35	−1	SW	2	o	*	46	32	–	*	–
	Berlin	29.75	38	SW	2	b	29.82	+·13	34	33	−5	SW	1	b	*	45	32	–	*	0·04
	Frankfürt ...	29·84	42	SW	2	o	29·89	+·04	36	35	−3	SW	1	b	*	46	36	–	*	–
	Munich	29·88	40	N	0	r	29·85	−·05	36	36	−2	NW	3	r	*	45	36	–	*	0·04
FRANCE	C. Gris Nez ...	29.82	43	WNW	4	bc	29·83	+·05	42	41	0	N	4	bc	4	45	41	–	*	–
	Brest	29.98	46	N	2	c	30·07	+·15	44	42	−2	NE	3	c	2	52	43	–	*	0·12
	Lorient						30·04	+·13	45	45	−1	N	3	c	3	54	43	–	*	–
	Rochefort ...	29.90	50	N	3	c	29.99	+·09	43	42	−4	NE	3	c	*	55	41	bc, c	*	–
	Biarritz	29.92	51	NE	3	r	30·02	+·09	48	46	−7	N	0	o	2	61	45	–	*	0·20
	Paris	29.87	39	N	1	o	29.93	+·05	32	32	+1	SSW	2	o	*	46	30	–	*	0·08
	Belfort	29.87	39	W	2	o	29·90	+·01	36	36	−2	W	3	o	*	47	36	–	*	0·12
	Lyons	29.88	44	NW	1	r	29·98	+·05	40	38	−4	NNW	1	o	*	49	37	–	*	0·55
	Nice																		*	
	Perpignan ...	29.88	52	SW	1	c	29·91	−·04	48	42	−1	NW	3	o	*	64	48	–	*	–
SPAN. PEN.	Corunna																		*	
	Lisbon	30·01	56	N	4	bc	30·08	+·02	52	48	−4	N	4	c	*	61	52	–	*	–
	Azores (P. Delgada)																		*	
	,, (Horta) ...	30·25	62	NE	3	b	30·22	−·02	61	58	0	NE	3	bc	3	66	59	–	*	–

NOTE: *The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster: the Sunshine entered to Dungeness is recorded at Littlestone-on-Sea.*

* *Observations for this column not generally received.*

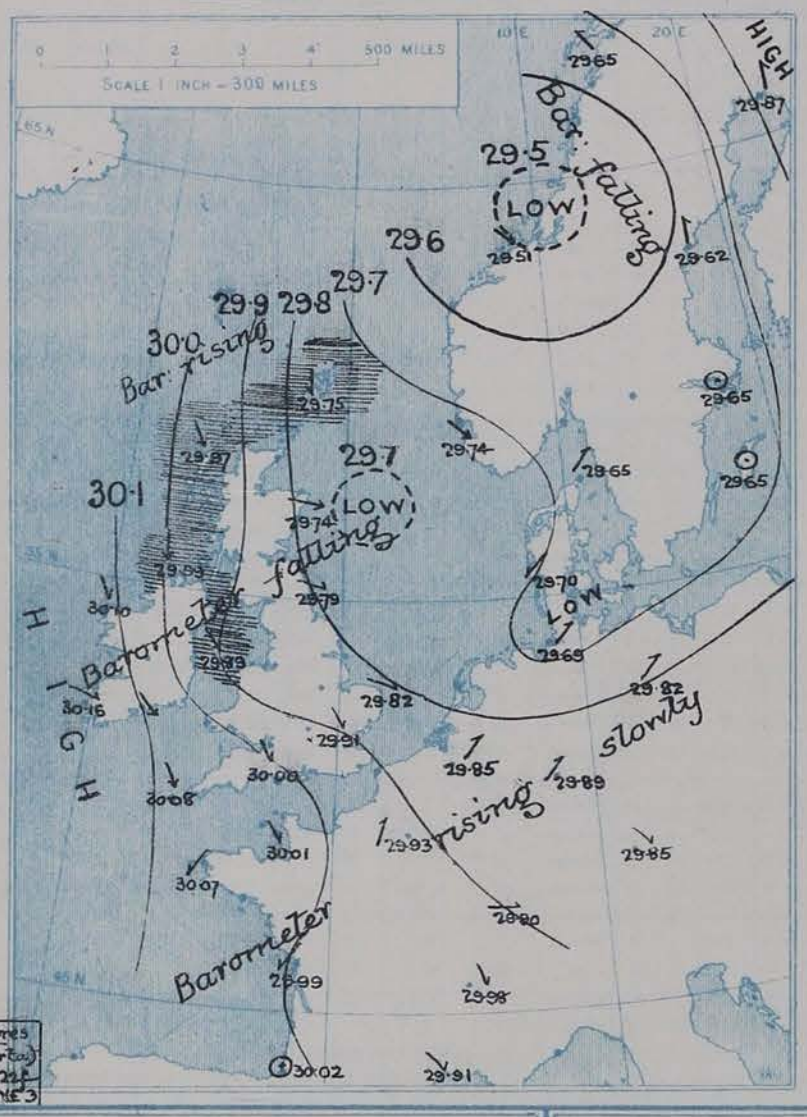
† *Observations received too late for insertion in Charts on next page.*

WEATHER CHARTS

FOR TUESDAY, 17TH NOVEMBER, 1903.

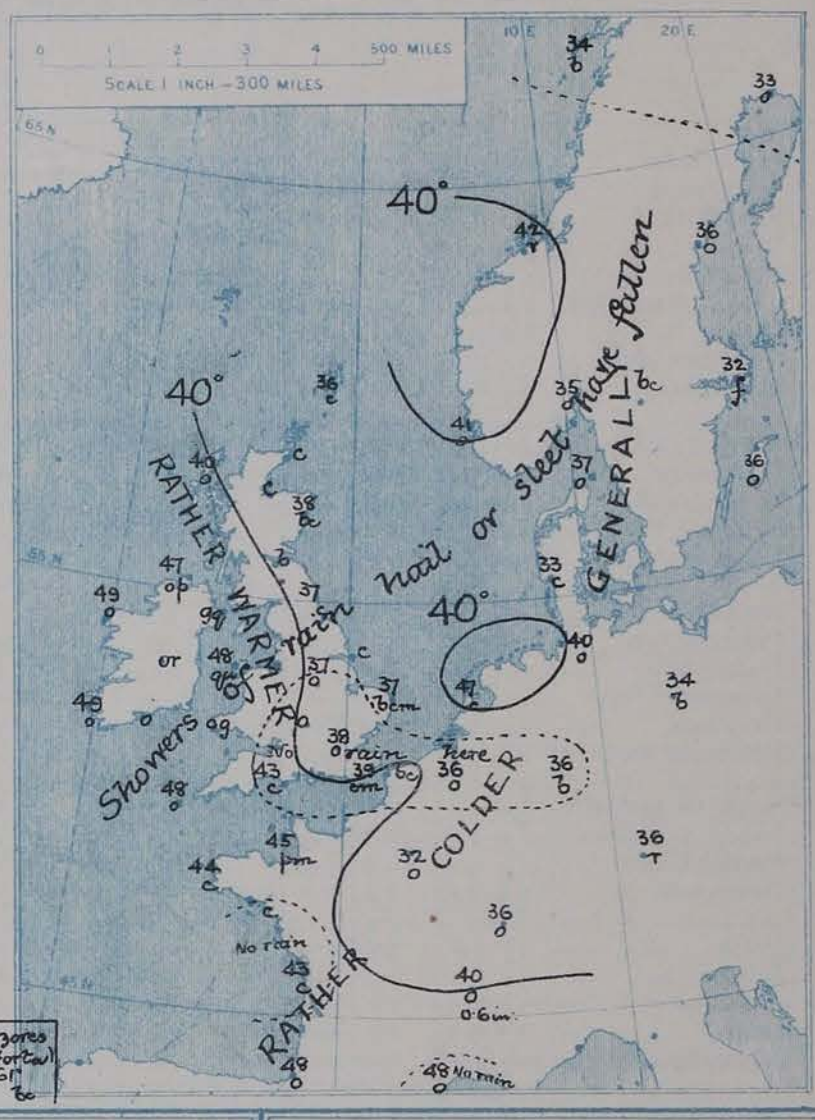
I. BAROMETER, WIND AND SEA. *This Morning.*

BAROMETER.—Isobars are drawn for each tenth of an inch.
WIND.—Arrows show Directions and Force, flying with the wind.
Force above 10 — *Force 5 to 7* — *Force 8 to 10* — *Force 1 to 4* — Calm
SEA.—Rough — *High*



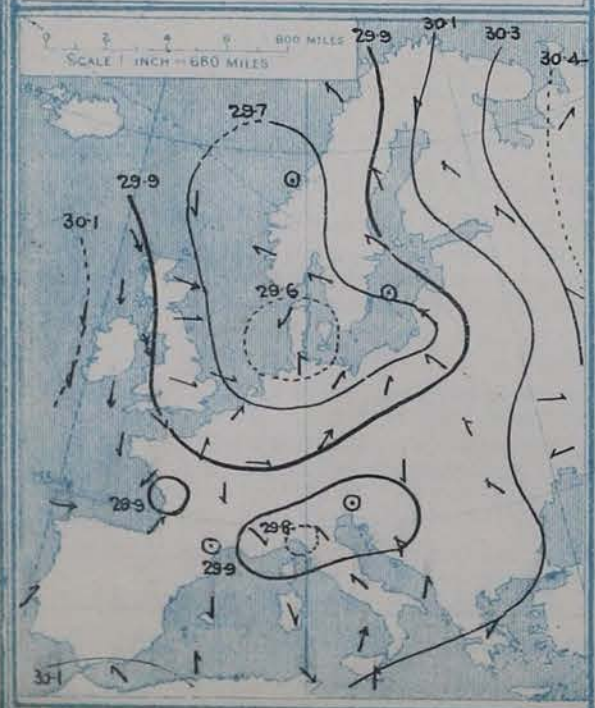
II. TEMPERATURE AND WEATHER. *This Morning.*

TEMPERATURE.—Isotherms are drawn for each 10°
WEATHER.—Shown by Letters of the Beaufort Scale. *(See P. 4.)*
RAINFALL.—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus - 0·6

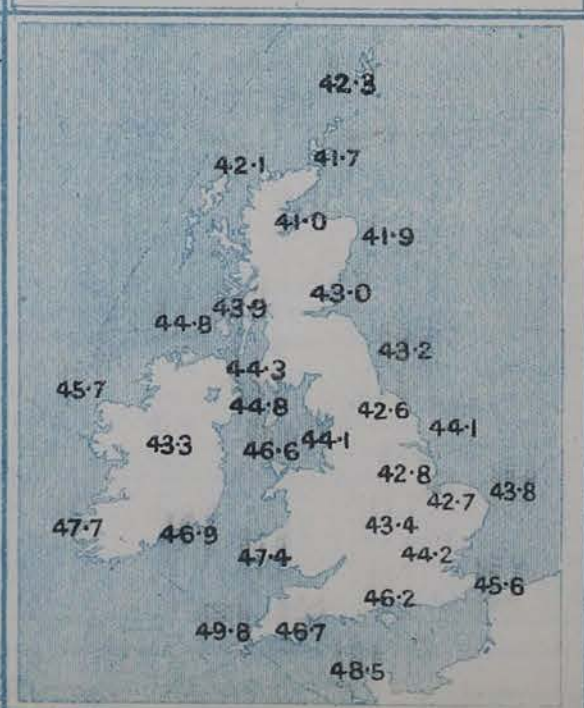


III. BAROMETER AND WIND

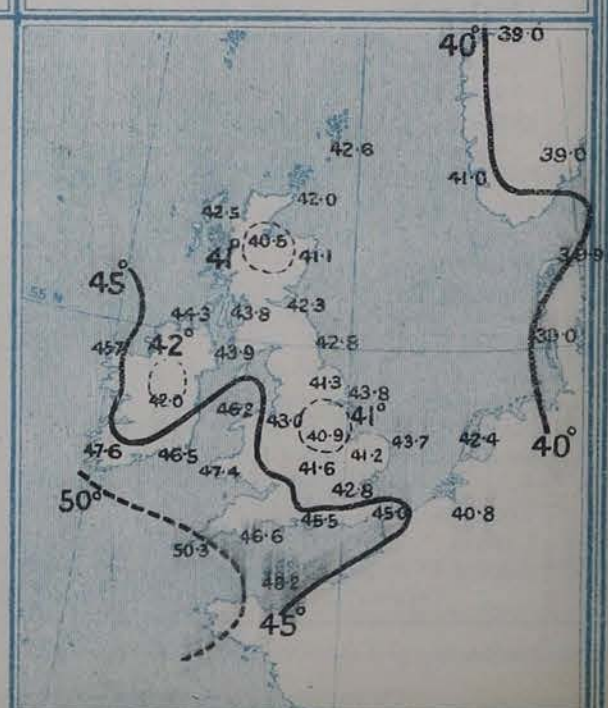
Yesterday morning.



IV. *Averages of* DAILY MAXIMUM *and* MINIMUM TEMPERATURES *combined for the month of* NOVEMBER. *(1871-1900)*



V. *Means of* DAILY TEMPERATURE *at 8 A.M. for the monthly period* NOVEMBER. *(1871-1900)*



GENERAL SITUATION AT 8 A.M.

PRESSURE

The depression whose centre lay between Aberdeen and the Norwegian coast yesterday morning has since moved southeastwards and is now centred near Heligoland. The barometer has in the meantime risen decidedly on our northern and western coasts, so that the readings now range from above 30·0 ins. both in the west of Ireland and the north of Sweden to about 29·5 ins. in the centre of the disturbance. Another baric minimum, in which the mercury stands below 29·9 ins., has appeared over the southwest of France.

WIND

The wind shows two distinct cyclonic circulations around the depressions; in force it is generally light or moderate, but the N^ly current is fresh or strong on our own northern and western coasts, and the NE^ly current fresh in the south of Norway.

TEMPERATURE

Temperature has fallen in nearly all parts of our area and is now below the normal throughout our Islands and in many parts of France. The readings range from 48° at Scilly and 46° on the coast of Wales to 37° at Yarmouth and Leith and to 32° both at Nottingham and Parsonstown, while the Continental values vary from 55° at Biarritz to 31° at Paris, and from 42° at Skudesnaes to 32° at Haparanda.

WEATHER AND SEA

The weather is fine or fair over the major portion of the United Kingdom, but passing showers are reported from some western stations as well as from Aberdeen and Jersey. On the Continent the sky is mostly cloudy or overcast, and in almost all parts of Sweden snow is falling. In Belgium and the northeast of France, however, the weather is fine. The sea is rather rough off the north of Scotland, the north of Ireland, and in the Irish Sea, moderate to smooth elsewhere.

The maximum temperatures recorded over our Islands yesterday were mostly below 50°, and no higher than 42° at Aberdeen; in the night frost was experienced in all districts. Rain fell yesterday over the greater part of our area, but at many English and Irish stations there was a good deal of sunshine — more than 7 hours on the coast of Sussex and 5 hours at Parsonstown.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The depression over the North Sea will probably continue to move away E^wds or SE^wds, while a general increase of pressure takes place over the United Kingdom. The small disturbance which has appeared in the Southwest of France is not likely to have much affect on the weather over our Islands.

FORECASTS*

For the 24 hours ending at NOON on 17th NOVEMBER, 1903

DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH 1 SCOTLAND EAST 2 ENGLAND N.E. 3 ENGLAND EAST 4 MIDLAND COUNTIES 5 ENGLAND SOUTH	Light or moderate breezes between N. or NW; fair generally, but some showers in north and east. Cold, — frosty inland at night.
6 SCOTLAND WEST 7 ENGLAND N.W. 8 ENGLAND S.W 9 IRELAND NORTH 10 IRELAND SOUTH	N^ly winds, fresh or strong to moderate; fair generally, but some local showers. Rather cold, — frost inland at night.
WARNINGS	None issued.

Note.—The **South Cone**, *point downwards* (▼), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.

The **North Cone**, *point upwards* (▲), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

* *For terms for transmission of Forecasts by Telegraph; see next page.*

ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	Yesterday 6 p.m.					This Morning 8 a.m.									Past 24 Hours.				
	Bar. Ins.	Temp. °	Wind Direc^n	Wind Force	Weather.	Barometer. Ins.	Barometer. Change	Temperature Dry.	Temperature Wet.	Temperature Change	Wind Direc^n	Wind Force	Weather.	Sea.	Temperature Max.	Temperature Min.	Weather	Sunshine. Hrs.	Rainfall Ins.
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	b	*	47	33	b	6·8	–
Bath	29·78	41	w	1	o	29·87	+·12	35	35	– 5	w	1	o	*	50	32	–	5·0	0·08

REPORTS FOR YESTERDAY.

STATIONS.	Temperture F. Max.	Temperture F. Min.	Weather.	Sunshine Hrs.	Rainfall. Ins.	STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Sunshine Hrs.	Rainfall. Ins.
Southport, to 9 p.m.... ...	49	42	c hp, c, b	4·7	0·03	Broadstairs...	*	*	*		*
Rhyl, to 6 p.m....	*	*	*	2·0	*	Margate	48	*	*	6·2	*
Llandudno...	*	*	*	4·0	*	Lowestoft, to 6 p.m.... ...					
Aberystwyth, to 6 p.m. ...	54	49	r, c	4·0	0·05	Skegness	*	*	*		*
Plymouth, to 9 p.m.... ...						Scarborough, to 6 p.m. ...	48	*	*	3·3	*
Worthing	*	*	*	7·3	*	Harrogate, to 6 p.m. ...	46	36	b, r, bc, b	3·4	0·11
Brighton	52	*	*	7·1	*	Manchester, to 9 p.m. ...	48	36	r, bcp, b	0·5	0·20
Eastbourne, to 6 p.m. ...	53	*	*	7·5	*	Darwen, to 7 p.m.	45	36	op, bc, b	2·7	0·09
Hastings	*	*	*	7·1	*	Birmingham, to 9 p.m. ...	42	35	c, b	5·5	–
						Bettws-y-Coed	47	*	*	2·0	*

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

STATIONS. 15th Nov. 1903.	Temperature, F. Max.	Temperature, F. Min.	Weather.	Rain. Ins.	STATIONS.	Temperature, F. Max.	Temperature, F. Min.	Weather.	Rain. Ins.
Obsns. not received.					Obsns. not received.				
Copenhagen					Algiers		*		
Utrecht...					Tunis		*		
Groningen					Madeira (Funchal)		*		
Vienna					14th November,	1 p.m.	*	1 p.m.	Measured 7 a.m.
Marseilles					Geneva	41	*	f	–
Florence					Berne	43	*	f	0·04
Rome					Coire	46	*	b	0·24
Naples					Castasegna	46	*	b	–
Palermo					Lugano	52	*	bc	–
Malta					Davos	36	*	b	0·55

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

COUNTRIES, &c.	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles, Belgium† ...	8 a.m. (West European)	8 a.m.	6 p.m.‡ (W.E.T.)	6 p.m.
Holland	8 a.m. („ „)	8 a.m.	7 p.m. (W.E.T.)	7 p.m.
Germany, Denmark, Norway, Sweden	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
France	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.
Spain	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)	6 p.m.
Portugal	8 a.m. (Lisbon)	8.36 a.m.	3.23 p.m. (Lisbon)	4 p.m.
Azores { Ponta Delgada	6 a.m. (Local)	7.43 a.m.	9 p.m. (Local)	10.43 p.m.
Azores { Horta	6 a.m. (Local)	7.55 a.m.	9 p.m. (Local)	10.55 p.m.

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM, TO-DAY.

16th Nov. 1903.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	7·17	11.38	3.59
Greenwich	7·21	11.45	4.9
Wick	8.5	11.57	3.49
Valencia	8.4	12.26	4.48

SUBSCRIPTIONS both for the Daily *and* Weekly Weather Reports *may be paid, in advance, to the* Meteorological Office.

TERMS: For Daily Weather Report, forwarded by Book Post, £1 0 0 per annum.
„ Weekly „ „ „ £1 10 0 „ Single Copies, 6d.

Single Copies of the Daily Weather Report (price 1d.) may be obtained after 3 p.m. on the day of issue at the Meteorological Office, and at Messrs. W. H. SMITH & SONS' Bookstalls at the following terminus Railway Stations:—Victoria, Charing Cross, King's Cross, St. Pancras, Euston.

FORECASTS OF WEATHER for one day in advance are drawn up at the Meteorological Office at 11 a.m., and between 7 and 8 p.m. The latest forecast can be had by Reply Telegram, on paying at any Post Office in the United Kingdom **Sixpence in addition to the cost of the inquiry and reply Telegrams.** Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application to the Meteorological Office, 63, Victoria Street, S.W., either personally or by post.

† The evening observations in Belgium are not given on page 1.

‡ At Oxford the observations are taken at 8 p.m.

DAILY WEATHER REPORT

for 8 a.m. on Wednesday, 18th November, 1903.

Issued by the METEOROLOGICAL OFFICE, 63, Victoria Street, London. W. N. SHAW, *Secretary.*

	STATIONS.	YESTERDAY EVENING. (See note on last page.) Barom. At 32° and M.S.L. Ins.	Temp. Dry Bulb. °	Wind. Direc.	Wind. Force (0 to 12.)	Weather	THIS MORNING. (See note on last page.) Barometer. At 32° Fahr. and M.S.L. Ins.	Barometer. Change since Yesterday. Ins.	Temperature. Dry Bulb. °	Temperature. Wet Bulb. °	Temperature. Change since Yesterday. °	Wind. Direc.	Wind. Force (0 to 12.)	Weather.	Sea (0 to 9.)	PAST 24 HOURS. Temp. Max. °	Temp. Min. °	Weather	Sunshine. Hours.	Rainfall. Ins.
SCANDINAVIA.	Haparanda ...	29.76	31	S	2	o	29.66	-.21	32	31	- 1	SE	2	o	*	34	30	-	*	-
	Hernösand ...	29.65	33	N	o	s	29.79	+.17	31	30	- 5	N	o	b	*	36	31	-	*	-
	Stockholm ...	29.81	31	N	o	c	29.91	+.26	28	27	- 4	W	2	b	*	34	28	-	*	-
	Wisby	29.83	36	N	o	b	29.90	+.25	39	38	+ 3	N	4	o	*	39	34	-	*	-
	Karlstad	29.82	31	N	o	o	29.99	+.36	27	27	- 5	N	2	b	*	*	*	-	*	-
	Færder (X'iania Fjord)	29.85	35	W	1	b	30.01	+.36	33	31	- 2	N	2	b	1	36	32	-	*	-
	Bodö	29.81	32	E	4	b	29.78	+.18	34	30	0	SW	2	b	2	34	28	-	*	?
	Christiansund ...	29.84	37	W	5	c	30.00	+.49	37	35	- 5	WNW	6	o	5	42	37	-	*	0.08
	Skudesnaes ...	29.82	38	N	2	b	30.06	+.32	35	33	- 6	N	2	b	2	41	35	c, b	*	*
BRITISH ISLANDS.	Sumburgh Head	29.97	38	N	3	c	30.09	+.34	41	38	+ 5	W	1	o	4	41	36	o, c	*	0.01
	Stornoway ...	30.11	41	NNW	3	c	30.14	+.17	46	45	+ 6	WSW	3	o	3	46	32	c	2.0	-
	Malin Head ...	30.10	46	NNW	4	bc	30.23	+.24	43	42	- 4	SW	1	o	1	47	42	b, bc	*	0.03
	Blacksod Pt. ...	30.21	45	NNW	2	b	30.26	+.16	47	46	- 2	SSW	3	c	3	50	39	b	*	-
	Valencia	30.21	50	N	2	c	30.32	+.16	35	34	- 14	ENE	1	b	3	52	33	op, c	0.3	0.02
	Roche's Point ...	30.16	48	NNW	2	b	30.32	+.22	38	37	- 9	N	2	b	1	50	37	c, b	*	-
	Parsonstown ...	30.17	41	N	2	b	30.33	+.26	27	26	- 17	E	2	b	*	?44	24	-	4.4	-
	Donaghadee ...	30.12	45	N	5	bc, g	30.28	+.33	36	35	- 11	WSW	2	bc	2	47	35	bc, g	*	-
	Liverpool Obsy.	30.02	42	N	4	b	30.26	+.42	37	34	- 8	NNE	2	b	2	46	35	-	*	-
	Holyhead ...	30.06	46	NE	7	bc	30.26	+.37	44	41	- 4	NE	3	bc	2	49	40	p, bc	*	0.03
	Pembroke (St. Ann's)	30.03	45	NE	4	c	30.24	+.23	41	39	- 6	NE	3	b	2	50	39	-	0.6	0.01
	Scilly (St. Mary's)...	30.03	49	N	6	cp	30.19	+.11	48	44	0	NNE	4	c	3	53	43	op, cp	1.2	0.01
	Jersey (St. Aubins)...	29.86	46	NW	5	om	30.10	+.09	45	42	0	NNW	4	cm	3	49	44	c, om, g	0.0	0.12
	Portland Bill ...	29.90	43	NNW	6	bc	30.15	+.15	40	39	- 3	NNE	3	c	2	48	38	c, bc	*	-
	Dungeness ...	29.77	40	N	5	r	30.08	+.18	35	35	- 4	N	3	bc	2	47	34	r, p	2.4	0.15
	Wick	30.05	40	NNE	4	o	30.12	+.33	39	37	- 1	W	1	o	0	42	31	-	*	0.02
	Nairn	30.11	38	NNW	1	b	30.18	+.29	37	35	- 2	SW	2	c	1	43	32	-	*	-
	Aberdeen ...	30.06	39	NNW	4	op	30.21	+.47	36	34	- 2	WNW	3	c	2	42	34	hpg, bc, o	2.4	0.06
	Leith	30.08	41	N	1	c	30.22	+.36	36	34	- 3	W	1	cm	*	46	33	-	*	-
	North Shields ...	29.97	44	NNE	5	rsp	30.19	+.40	39	37	+ 2	NW	3	cp	4	45	35	rsp	*	0.17
GERMANY, &c.	Spurn Head ...	29.85	40	NNE	5	c	30.11	+.31	46	43	+ 9	NNE	4	bc	4	46	35	phrs, c	*	0.28
	Yarmouth ...	29.79	36	WNW	3	bcm	30.04	+.22	44	41	+ 7	NNE	5	cg	4	44	35	rgm, bcm	*	0.05
	Nottingham ...	29.90	40	N	3	b	30.17	+.32	39	37	+ 2	WNW	1	bcp	*	44	36	-	2.7	0.05
	Oxford	29.95	41	N	4	o	30.19	+.25	37	36	0	NNW	2	b	*	43	36	p, o	*	0.06
	London (Brixton)...	29.85	41	NW	2	b	30.12	+.21	41	38	+ 3	NNW	1	og	*	43	37	rg, o, b	0.0	0.06
	The Scaw (Skagen)	29.82	38	W	3	c	29.99	+.34	41	39	+ 4	W	1	c	0	41	36	-	*	0.32
	Fanö	29.88	36	SE	2	b	30.00	+.30	33	33	0	SE	1	c	*	41	33	-	*	0.08
	Cuxhaven ...	29.83	41	SSW	2	bc	30.00	+.31	39	38	- 1	S	1	o	*	43	37	-	*	-
	The Helder ...	29.82	43	NNE	1	bc	30.01	+.28	45	42	- 2	NW	1	r	1	48	37	-	*	0.04
	Brussels	*	*	*	*	*	30.05	+.20	34	34	- 2	N	0	bc	*	44	34	-	*	0.04
	Berlin	29.88	37	N	0	b	30.00	+.18	34	33	0	N	0	f	*	43	32	-	*	-
	Frankfürt ...	29.91	37	SW	1	c	30.01	+.12	36	36	0	N	3	c	*	39	36	-	*	-
	Munich	29.85	33	W	2	s	29.88	+.03	32	32	- 4	NW	2	s	*	36	32	-	*	-
FRANCE.	C. Gris Nez ...	29.81	42	SW	3	r	30.01	+.18	40	40	- 2	NE	1	o	1	46	39	-	*	0.39
	Brest	29.95	50	NW	5	o	30.12	+.05	46	41	+ 2	NNE	2	c	3	50	44	-	*	0.04
	Lorient	29.97	50	NNW	4	o	30.07	+.03	45	44	0	N	5	c	3	54	43	-	*	0.04
	Rochefort ...	29.96	47	NNW	4	b	29.88	-.11	40	39	- 3	NE	6	o	*	50	40	o, b	*	0.32
	Biarritz	30.03	47	N	0	o	29.89	-.13	51	47	+ 3	NNW	5	c	4	52	46	o, l	*	0.32
	Paris	29.85	41	SW	2	o	30.01	+.08	38	37	+ 6	NE	2	o	*	45	32	-	*	0.04
	Belfort	29.87	33	W	2	b	29.91	+.01	30	30	- 6	N	0	m	*	43	28	-	*	-
	Lyons	29.95	37	NW	1	b	29.92	-.06	34	33	- 6	NNW	2	b	*	43	32	-	*	-
	Nice	29.65	48	N	0	b	29.73		41	36		N	0	bc	1	57	37	-	*	-
	Perpignan ...	29.92	47	NW	3	b	29.78	-.13	37	37	- 11	N	0	o	*	55	35	-	*	-
SPAN. PEN.	Corunna																		*	
	Lisbon	30.04	54	N	5	b	30.09	+.01	51	48	- 1	N	4	b	*	59	50	-	*	-
	Azores (P. Delgada)																		*	
	,, (Horta) ...	30.25	61	WNW	3	b	30.28	+.06	61	55	0	N	0	o	2	66	59	-	*	-

NOTE: *The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster: the Sunshine entered to Dungeness is recorded at Littlestone-on-Sea.*

* *Observations for this column not generally received.*

† *Observations received too late for insertion in Charts on next page.*

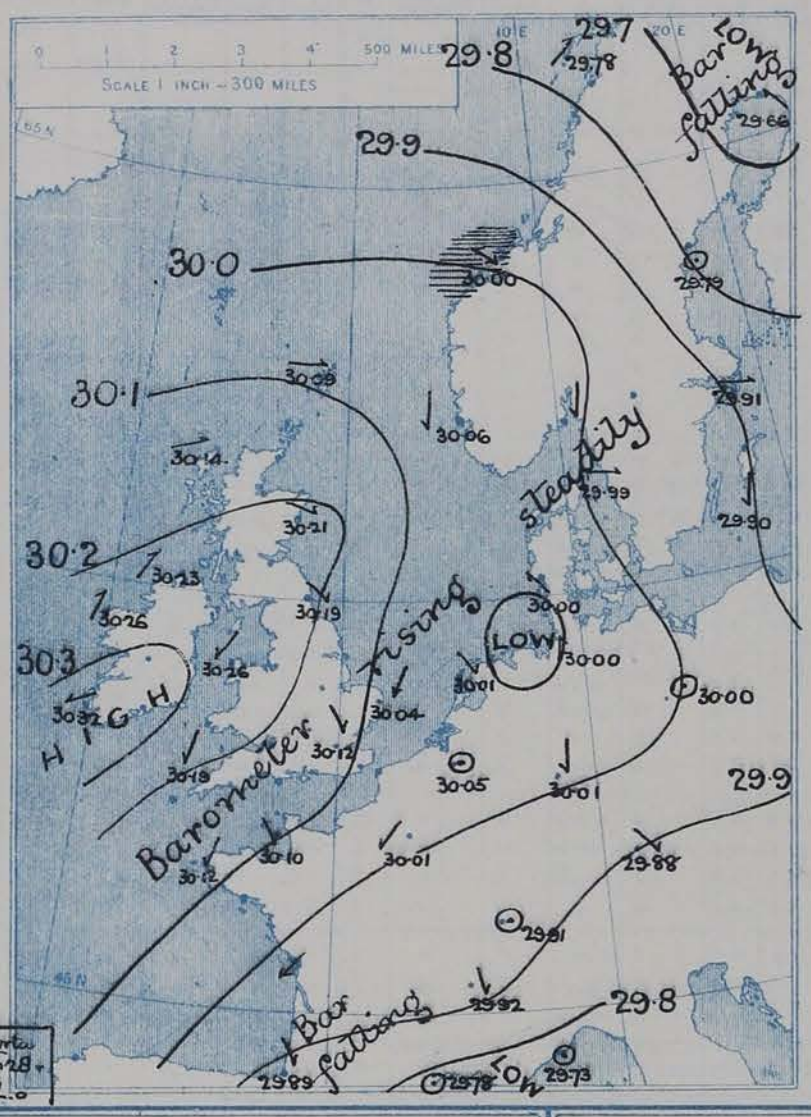
WEATHER CHARTS

FOR WEDNESDAY, 18TH NOVEMBER, 1903.

I. BAROMETER, WIND AND SEA. *This Morning.*

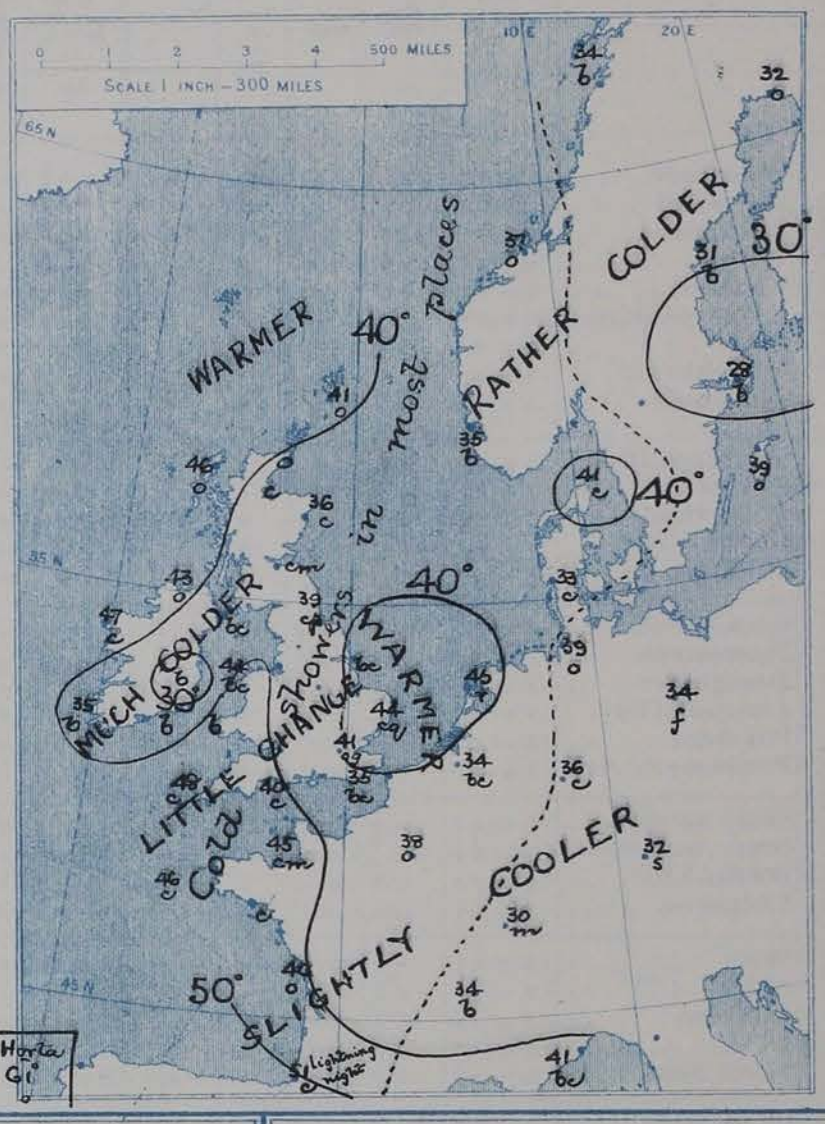
BAROMETER.—Isobars are drawn for each tenth of an inch.
WIND.—Arrows show Directions and Force, flying with the wind.

Force above 10 ⟶⟶ : *Force 5 to 7* ⟶ : } Calm ⊙
Force 8 to 10 ⟶ : *Force 1 to 4* ⟶ :
SEA.—Rough *High*



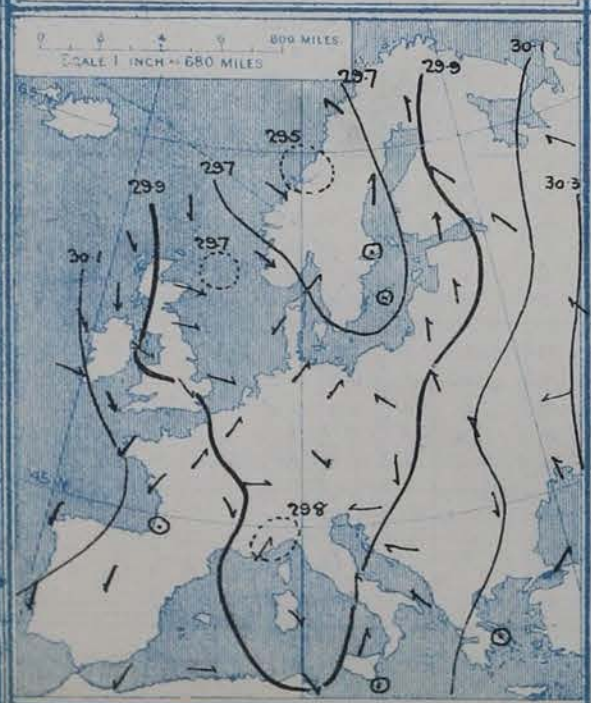
II. TEMPERATURE AND WEATHER. *This Morning.*

TEMPERATURE.—Isotherms are drawn for each 10°.
WEATHER.—Shown by Letters of the Beaufort Scale. *(See P. 4.)*
RAINFALL.—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus - 0·6

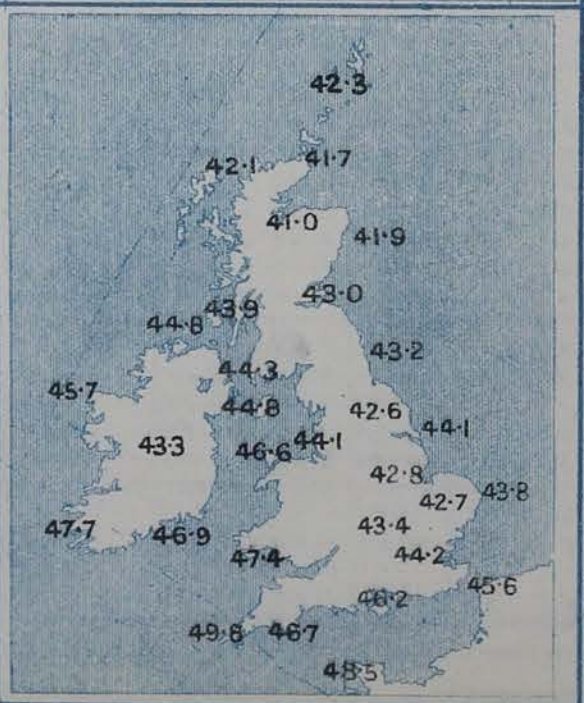


III. BAROMETER AND WIND

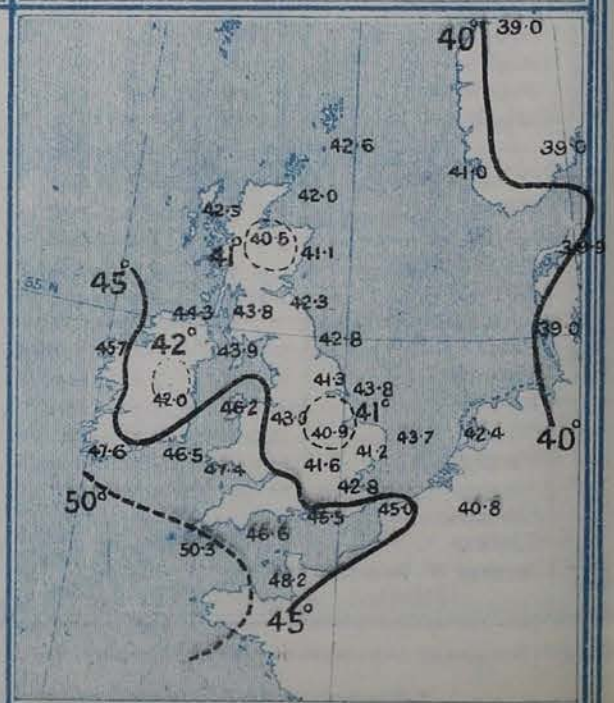
Yesterday morning.



IV. *Averages of* DAILY MAXIMUM *and* MINIMUM TEMPERATURES *combined for the month of* NOVEMBER. *(1871-1900)*



V. *Means of* DAILY TEMPERATURE *at 8 A.M. for the monthly period* NOVEMBER. *(1871-1900)*



GENERAL SITUATION AT 8 A.M.

PRESSURE

Barometric pressure is now highest, above 30·1 ins., in the southwest of Ireland, and lowest, 29·5 ins., in a depression over the northwest of Norway. Readings are relatively low in secondary disturbances found over North Germany, the north of England, and over the northern portion of the North Sea. The changes actually in progress are very irregular, but a brisk increase of pressure appears to have commenced on our most northern coasts.

WIND

With the distribution of pressure indicated above, the wind over our Islands is chiefly N^ly or NW^ly; it is only moderate or fresh in force as a whole, but strong in some northern and western localities, with a moderate gale at some exposed Scotch stations, and a fresh gale at Holyhead. Over France and Germany the wind is light and variable, while over Scandinavia and Denmark it circulates cyclonically around the baric minima in those regions.

TEMPERATURE

Temperature has risen somewhat in most parts of the United Kingdom, and readings now range from 49° on the west coast of Ireland and 48° or 47° in the west of England to 37° over the central and eastern counties and to 36° in the Shetlands. At most Continental stations it has fallen, and varies from 48° in the southwest and south of France, to 34° at Berlin and 32° at Paris, and from 42° at Christiansund to 32° at Stockholm and Karlstad.

WEATHER AND SEA

The weather is at present cloudy or dull in almost all parts of our area, with showers in different parts of our Islands, and steady rain at Munich and in the northwest of Norway. The sea is still rather rough off the north of Scotland, the north of Ireland and in the Irish Sea; on other coasts it is moderate to smooth.

The maximum temperatures recorded over our Islands yesterday were, in many cases, below 45°, but at Valencia, Scilly and Jersey, the thermometer rose to 50° or slightly higher. Rain has been experienced over the major portion of our area; the amounts measured at 8 a.m. were slight generally, but at North Shields there was 0·44 in. and at Lyons 0·55 in. A considerable amount of bright sunshine was registered over England, but in Ireland and Scotland there was little.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The secondary depressions shown over our Islands and the North Sea will probably move SE^wds and produce cold showers over the Kingdom generally. They are likely to be succeeded by an increase of pressure from the Atlantic, accompanied by fairer and colder weather.

FORECASTS*

For the 24 hours ending at NOON on 18th NOVEMBER, 1903

DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH 1 SCOTLAND EAST 2 ENGLAND N.E.	N^ly and NW^ly winds, strong to moderate or light; rain, hail or sleet showers, then finer and colder. Frost at night.
3 ENGLAND EAST 4 MIDLAND COUNTIES 5 ENGLAND SOUTH	NW^ly to N^ly winds, moderate or light; some showers then finer and cooler. Frost inland at night.
6 SCOTLAND WEST 7 ENGLAND N.W.	Same as Nos. 0 to 2.
8 ENGLAND S.W	NW^ly and N^ly winds, moderate or fresh; some showers, but mostly fair. Cool.
9 IRELAND NORTH	Same as Nos. 0 to 2.
10 IRELAND SOUTH	Same as No. 8.
WARNINGS	None issued.

Note.—The **South Cone**, *point downwards* (▼), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.

The **North Cone**, *point upwards* (▲), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

* *For terms for transmission of Forecasts by Telegraph; see next page.*

ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	Yesterday 6 p.m.					This Morning 8 a.m.									Past 24 Hours.				
	Bar. Ins.	Temp. °	Wind Direc.	Wind Force	Weather.	Barometer. Ins.	Barometer. Change	Temperature Dry.	Temperature Wet.	Temperature Change	Wind Direc.	Wind Force	Weather.	Sea.	Temperature Max.	Temperature Min.	Weather	Sunshine. Hrs.	Rainfall Ins.
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	b	*	44	35	b, o, b	6.2	–
Bath	29.90	40	w	1	bc	29.96	+.09	37	36	+2	w	1	o	*	46	33	–	3.6	–

REPORTS FOR YESTERDAY.

STATIONS.	Temperture F. Max.	Temperture F. Min.	Weather.	Sunshine Hrs.	Rainfall. Ins.	STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Sunshine Hrs.	Rainfall. Ins.
	°	°					°	°			
Southport, to 9 p.m.... ...	46	37	c, b, c	6.4	–	Broadstairs...	*	*	*	5.6	*
Rhyl, to 6 p.m.	*	*	*	2.5	*	Margate	45	37	b, c	4.3	–
Llandudno	*	*	*	3.2	*	Lowestoft, to 6 p.m.... ...	46	31	c, bc, o, c	4.7	0.02
Aberystwyth, to 6 p.m. ...	49	41	c, or	2.0	0.11	Skegness	*	*	*	0.0	*
Plymouth, to 9 p.m.... ...	50	33	bc, bcp, b	6.0	0.01	Scarborough, to 6 p.m. ...	46	*	*	1.1	*
Worthing	*	*	*	6.1	*	Harrogate, to 6 p.m. ...	44	34	b, o	6.6	–
Brighton	51	*	*	5.5	*	Manchester, to 9 p.m. ...	44	30	bm, bc, o	2.0	0.01
Eastbourne, to 6 p.m. ...	47	*	*	6.5	*	Darwen, to 9 p.m.	40	32	bv, bcv	6.3	–
Hastings	*	*	*	6.6	*	Birmingham, to 9 p.m. ...	42	36	c, o, b	0.8	–
						Bettws-y-Coed	45	*	*	3.7	*

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

STATIONS. 16th Nov.r 1903.	Temperature, F. Max.	Temperature, F. Min.	Weather.	Rain. Ins.	STATIONS.	Temperature, F. Max.	Temperature, F. Min.	Weather.	Rain. Ins.
Copenhagen	41	34	r, r	0.71	Algiers	72	57	b, c	–
Utrecht...	46	41	r, c	0.47	Tunis	64	50	c, o	–
Groningen	50	36	o, o	0.04	Madeira (Funchal) Not recd.				
Vienna	43	36	bc, f	0.36	15th Nov.r Obsns. not recd.	1 p.m.	*	1 p.m	Measured 7 a.m.
Marseilles	61	43	b, o	–	Geneva		*		
Florence	58	50	o, o	0.04	Berne		*		
Rome	64	51	c, c	0.04	Coire		*		
Naples	61	53	o, c	–	Castasegna		*		
Palermo	72	59	c, b	–	Lugano		*		
Malta	68	57	?, bc	–	Davos		*		

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER,—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

COUNTRIES, &c.	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles, Belgium† ...	8 a.m. (West European)	8 a.m.	6 p.m.‡ (W.E.T.)	6 p.m.
Holland	8 a.m. (" ")	8 a.m.	7 p.m. (W.E.T.)	7 p.m.
Germany, Denmark, Norway, Sweden	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
France	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.
Spain	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)	6 p.m.
Portugal	8 a.m. (Lisbon)	8.36 a.m.	3.23 p.m. (Lisbon)	4 p.m.
Azores { Ponta Delgada	6 a.m. (Local)	7.43 a.m.	9 p.m. (Local)	10.43 p.m.
Azores { Horta	6 a.m. (Local)	7.55 a.m.	9 p.m. (Local)	10.55 p.m.

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM, TO-DAY.

17th Nov.r 1903.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	7.19	11.38	3.57
Greenwich	7.23	11.45	4.7
Wick	8.7	11.57	3.47
Valencia	8.6	12.16	4.46

SUBSCRIPTIONS both for the Daily *and* Weekly Weather Reports *may be paid, in advance, to the* Meteorological Office.

TERMS: For Daily Weather Report, forwarded by Book Post, £1 0 0 per annum.
" Weekly " " £1 10 0 " Single Copies, 6d.

Single Copies of the Daily Weather Report (price 1d.) may be obtained after 3 p.m. on the day of issue at the Meteorological Office, and at Messrs. W. H. SMITH & SONS' Bookstalls at the following terminus Railway Stations:—Victoria, Charing Cross, King's Cross, St. Pancras, Euston.

FORECASTS OF WEATHER for one day in advance are drawn up at the Meteorological Office at 11 a.m., and between 7 and 8 p.m. The latest forecast can be had by Reply Telegram, on paying at any Post Office in the United Kingdom **Sixpence in addition to the cost of the inquiry and reply Telegrams.** Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application to the Meteorological Office, 63, Victoria Street, S.W., either personally or by post.

† The evening observations in Belgium are not given on page 1.

‡ At Oxford the observations are taken at 8 p.m.

DAILY WEATHER REPORT

for 8 a.m. on Thursday, 19th November, 1903.

Issued by the METEOROLOGICAL OFFICE, 63, Victoria Street, London. W. N. SHAW, *Secretary.*

	STATIONS.	YESTERDAY EVENING. (See note on last page.) Barom. At 32° and M.S.L. Ins.	Temp. Dry Bulb. °	Wind. Direc.	Wind. Force (0 to 12.)	Weather	THIS MORNING. (See note on last page.) Barometer. At 32° Fahr. and M.S.L. Ins.	Barometer. Change since Yesterday. Ins.	Temperature. Dry Bulb. °	Temperature. Wet Bulb. °	Temperature. Change since Yesterday. °	Wind. Direc.	Wind. Force (0 to 12.)	Weather	Sea (0 to 9.)	PAST 24 HOURS. Temp. Max. °	Temp. Min. °	Weather	Sunshine. Hours.	Rainfall. Ins.
SCANDINAVIA.	Haparanda ...	29.66	31	SE	2	0	29.93	+.27	30	28	− 2	NNW	2	0	*	32	27	–	*	0.04
	Hernösand ...	29.78	32	N	0	0	30.08	+.29	23	22	− 8	N	0	8	*	34	28	–	*	–
	Stockholm ...	30.01	30	N	0	8	30.09	+.18	28	27	0	N	2	8	*	32	27	–	*	–
	Wisby	30.06	37	NNW	4	8	?30.05	+.15	40	38	+ 1	N	6	8c	*	41	36	–	*	–
	Karlstad	30.06	28	NW	2	8	30.13	+.14	25	24	− 2	NW	2	8	*	*	*	–	*	–
	Færder (X'iania Fjord)	30.09	33	NNW	1	8	30.12	+.11	33	32	0	NE	1	m	1	34	30	–	*	–
	Bodö	29.83	23	E	4	8	29.66	−.12	28	24	− 6	E	4	c	2	34	23	–	*	–
	Christiansund ...	29.95	41	WNW	5	0	29.96	−.04	48	44	+ 11	WSW	3	0	4	48	37	–	*	0.04
	Skudesnaes ...	30.18	36	N	0	8	30.15	+.09	41	40	+ 6	E	2	0	2	41	34	8	*	*
BRITISH ISLANDS.	Sumburgh Head	30.02	48	W	3	r	29.96	−.13	48	47	+ 7	WSW	4	0	4	48	40	r	*	0.09
	Stornoway ...	30.09	47	WSW	2	0	30.01	−.13	46	46	0	WNW	5	0	5	51	44	0	0.0	0.03
	Malin Head ...	30.20	47	SW	2	0	30.20	−.03	43	42	0	S	2	0	2	47	41	0	*	–
	Blacksod Pt. ...	30.21	49	SW	3	0	30.22	−.04	49	48	+ 2	WSW	4	0p	3	51	47	c, 0	*	0.03
	Valencia	30.27	40	ENE	1	8	30.29	−.03	38	37	+ 3	ENE	1	0	3	50	33	8	6.8	–
	Roche's Point ...	30.27	37	NE	1	8	30.30	−.02	37	36	− 1	N	2	8m	1	47	35	8, f	*	–
	Parsonstown ...	30.27	37	E	2	8	30.31	−.02	26	25	− 1	E	2	8	*	46	24	–	5.3	–
	Donaghadee ...	30.24	45	W	1	gf	30.26	−.02	38	37	+ 2	WSW	2	8c	1	47	35	gf	*	–
	Liverpool Obsy.	30.27	40	N	0	8	30.28	+.02	32	29	− 5	S	1	f	?	43	30	8m, f	*	–
	Holyhead ...	30.25	41	N	0	8	30.24	−.02	39	38	− 5	S	1	cm	0	46	35	8c, 8	*	–
	Pembroke (St. Ann's)	30.25	41	NE	2	8c	30.28	+.04	37	36	− 4	NE	2	8m	2	47	35	–	6.6	–
	Scilly (St. Mary's)...	30.24	49	NNE	4	8c	30.24	+.05	46	42	− 2	ENE	1	8	1	51	42	c, 8c	4.3	–
	Jersey (St. Aubins)...	30.16	46	NNE	3	crhp	30.21	+.11	47	43	+ 2	NNE	3	c	3	50	43	8c, irhp	5.3	0.02
	Portland Bill ...	30.19	40	N	3	8cm	30.24	+.09	37	36	− 3	NNE	2	8cm	2	45	35	8, 8cm	*	–
	Dungeness ...	30.12	43	NNE	3	c	30.18	+.10	44	41	+ 9	E	4	c	3	45	34	8c, c	2.8	0.10
	Wick	30.08	45	S	2	0	30.02	−.10	47	45	+ 8	W	1	c	1	48	38	–	*	0.01
	Nairn	30.13	46	W	2	c	30.08	−.10	46	44	+ 9	SW	1	c	1	48	36	–	*	–
	Aberdeen ...	30.18	41	SW	1	0	30.13	−.08	42	41	+ 6	SSW	2	cm	2	43	35	0, r	0.0	0.06
	Leith	30.21	42	W	1	0	30.19	−.03	44	43	+ 8	WNW	1	8m	*	45	35	–	*	–
	North Shields ...	30.22	41	NW	1	8m	30.22	+.03	34	33	− 5	SW	2	f	3	44	30	cp, 8m	*	–
GERMANY, &c.	Spurn Head ...	30.18	43	NE	3	8c	30.24	+.13	41	40	− 5	N	2	8v	3	47	37	–	*	0.03
	Yarmouth ...	?30.14	45	NE	5	c	30.20	+.16	43	41	− 1	NNW	3	cf	3	46	41	c	*	0.07
	Nottingham ...	30.21	40	N	2	c	30.27	+.10	28	28	− 11	N	0	f	*	44	26	–	1.1	–
	Oxford	30.23	35	N	1	8	30.29	+.10	32	32	− 5	NNW	1	f	*	44	29	8, m	*	–
	London (Brixton)...	30.17	42	NNW	1	8	30.23	+.11	38	37	− 3	N	0	f	*	44	36	og, 8	0.0	–
	The Scaw (Skagen)	30.12	38	W	3	8	30.13	+.14	38	37	− 3	WSW	1	c	0	43	36	–	*	–
	Fanö	30.21	37	S	1	0	30.23	+.23	38	37	+ 5	SSW	1	f	*	39	33	–	*	–
	Cuxhaven ...	30.14	39	N	0	8	30.23	+.23	35	34	− 4	S	1	f	*	43	32	–	*	–
	The Helder ...	30.13	38	E	1	m	30.21	+.20	36	36	− 9	E	1	f	0	46	34	–	*	0.04
	Brussels	*	*	*	*	*	30.19	+.14	32	32	− 2	NE	2	0	*	41	32	–	*	0.04
	Berlin	30.13	37	N	0	0	30.18	+.18	34	33	0	NE	2	8	*	39	30	–	*	–
	Frankfürt ...	30.08	38	N	3	c	30.09	+.08	38	36	+ 2	N	3	c	*	41	36	–	*	0.04
	Munich	29.93	35	E	2	0	29.94	+.06	35	35	+ 3	NE	4	f	*	36	32	–	*	0.04
FRANCE.	C. Gris Nez ...	30.06	43	NE	4	c	30.16	+.15	35	34	− 5	ENE	3	0	3	45	34	–	*	0.28
	Brest	30.19	44	NE	2	8c	30.19	+.07	40	37	− 6	NE	2	8	1	50	37	–	*	–
	Lorient	30.17	46	NE	3	0	30.18	+.11	45	45	0	NE	4	c	2	50	41	–	*	–
	Rochefort ...	30.09	43	NE	4	0	30.10	+.22	37	37	− 3	ENE	3	m	*	46	36	0	*	–
	Biarritz	30.09	46	NE	3	8c	30.13	+.24	40	38	− 11	SE	1	c	2	52	37	8c, zr	*	0.12
	Paris	30.09	38	NNE	2	8	30.12	+.11	32	32	− 6	NNE	2	0	*	44	31	–	*	–
	Belfort	29.95	34	ENE	3	m	29.93	+.02	33	32	− 3	ENE	3	m	*	40	30	–	*	–
	Lyons	29.99	38	NNW	3	0	29.99	+.07	35	32	+ 1	NW	3	0	*	43	32	–	*	–
	Nice	29.76	46	SW	1	0	29.66	−.07	41	39	0	N	0	0	1	57	39	–	*	0.16
	Perpignan ...	29.89	42	NW	4	0	29.96	+.18	41	36	+ 4	NW	4	8	*	44	37	–	*	0.04
SPAN. PEN.	Corunna																		*	
	Lisbon														*				*	
	Azores (P. Delgada)	30.36	58	NNE	4	8	30.34	+.06	58	54	− 1	NNE	5	8c	3	64	55	–	*	–
	„ (Horta) ...	30.38	62	NE	4	0	30.40	+.12	60	55	− 1	NE	4	0	3	64	59	–	*	–

NOTE: *The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster: the Sunshine entered to Dungeness is recorded at Littlestone-on-Sea.*

* *Observations for this column not generally received.*

† *Observations received too late for insertion in Charts on next page.*

WEATHER CHARTS

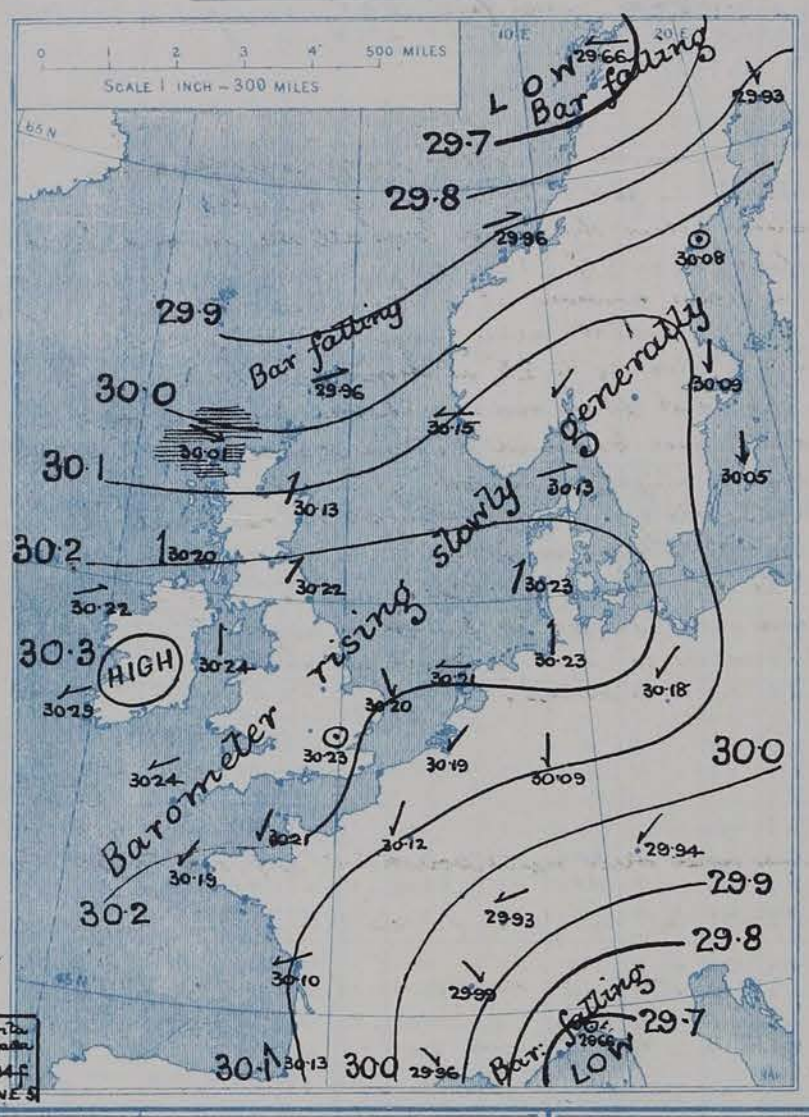
FOR THURSDAY, 19TH NOVEMBER, 1903.

I. BAROMETER, WIND AND SEA. *This Morning.*

BAROMETER.—Isobars are drawn for each tenth of an inch.
WIND.—Arrows show Directions and Force, flying with the wind.

Force above 10 — *Force 5 to 7* — *Force 8 to 10* — *Force 1 to 4* — Calm

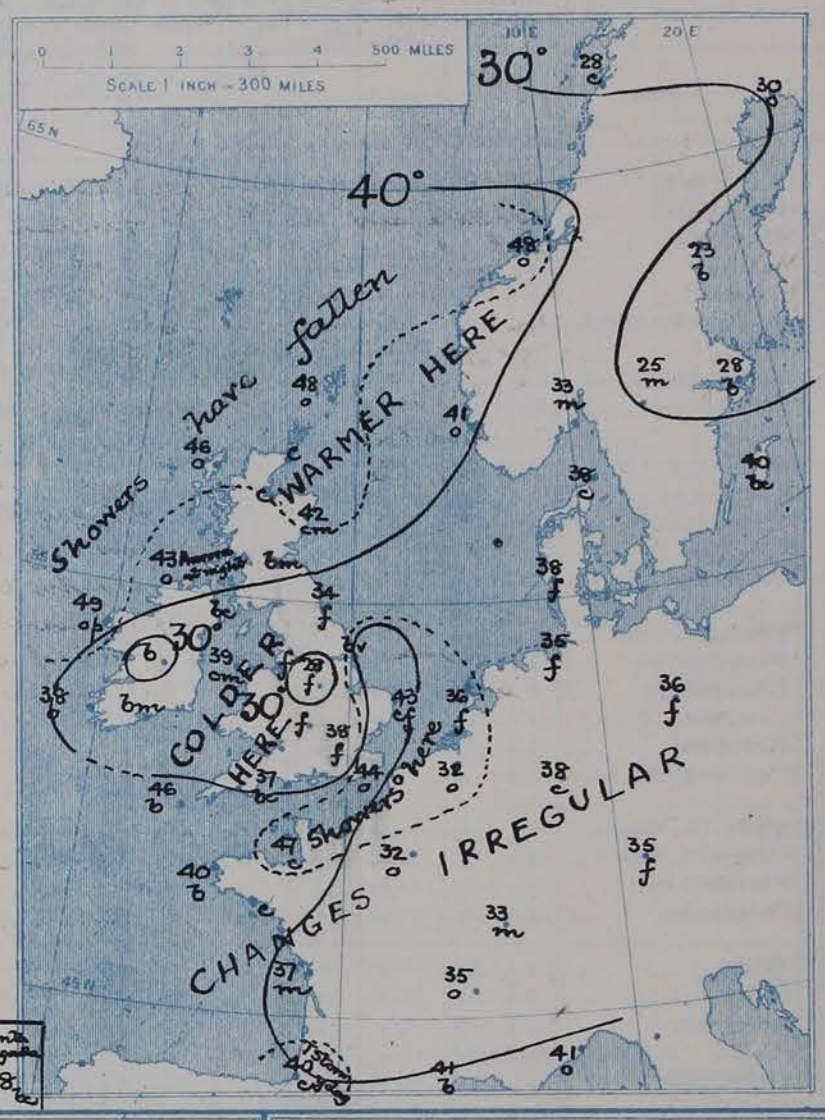
SEA.—Rough — *High*



II. TEMPERATURE AND WEATHER. *This Morning.*

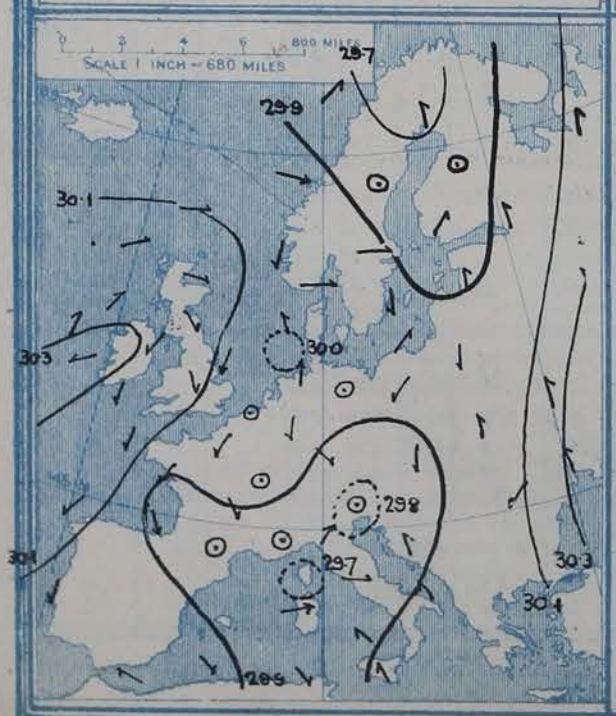
TEMPERATURE.—Isotherms are drawn for each 10°
WEATHER.—Shown by Letters of the Beaufort Scale. *(See P. 4.)*

RAINFALL.—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus - 0·6

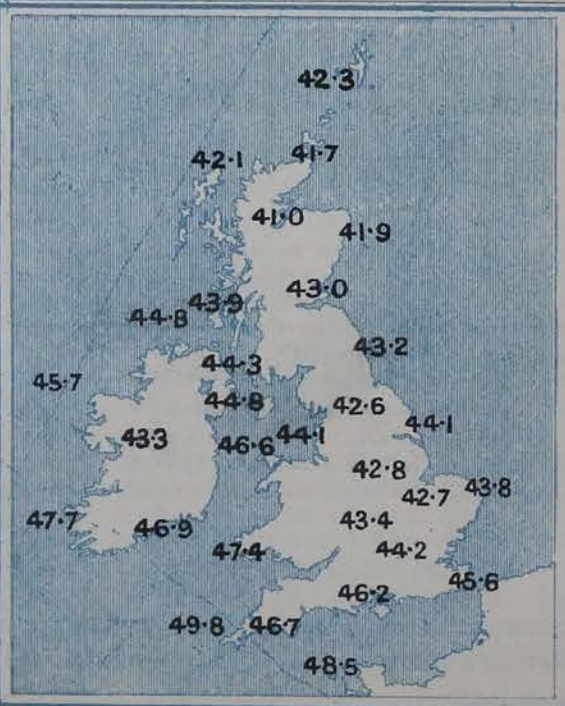


III. BAROMETER AND WIND

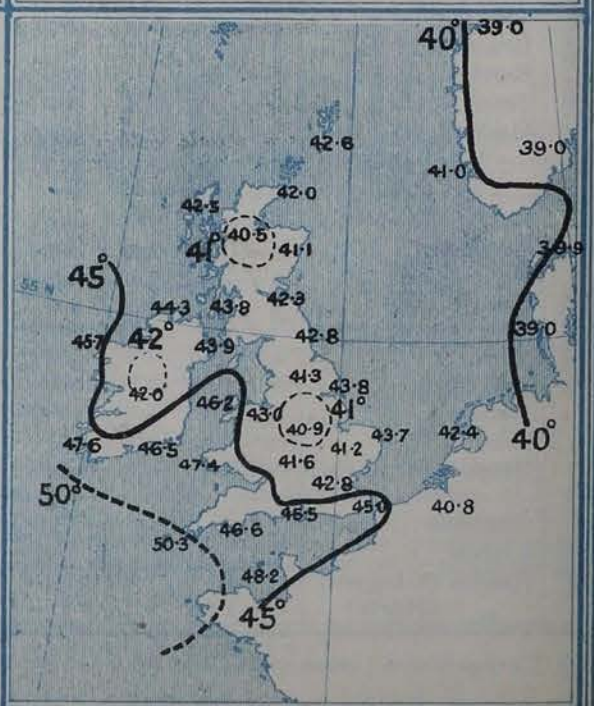
Yesterday morning.



IV. *Averages of* DAILY MAXIMUM *and* MINIMUM TEMPERATURES *combined for the month of* NOVEMBER. *(1871-1900)*



V. *Means of* DAILY TEMPERATURE *at 8 A.M. for the monthly period* NOVEMBER. *(1871-1900)*



GENERAL SITUATION AT 8 A.M.

PRESSURE

An anticyclone, in which the highest readings are over 30·3 ins., extends over our Islands from the southwest. The low pressure systems shown on yesterday morning's map are filling up and receding from our coasts. The main disturbance is still shown in the extreme northeast of Sweden (Haparanda 29·66) and the secondary systems over the North Sea are represented by a shallow disturbance in which readings are slightly below 30·0 ins., near the mouth of the Elbe.

WIND

The wind has backed to the West or Southwest in Scotland and the north of Ireland, probably in consequence of the approach of a fresh disturbance towards our north-western coasts. At present this wind is light. Over France and the southern part of the British Isles the wind remains Northerly, it has moderated at the English and Irish stations, but in the Bay of Biscay it is blowing strongly. Over Germany and Scandinavia the wind is light and generally between North and Northwest.

TEMPERATURE

WEATHER AND SEA

The weather has become dull or cloudy in the north of Scotland and Ireland. Further south it is fair. On the Continent the conditions are fair generally, but the secondary disturbance near the mouth of the Elbe is causing rain in the north of Holland, and snow is reported from Munich.

Temperature readings remain below the average generally. A very decided fall of temperature is reported from the centre of the anticyclone over southern Ireland. At Parsonstown the 8 a.m. reading is 27°, the minimum being 24°. In the extreme north of Scotland the setting in of the Westerly wind has been accompanied by a rise of several degrees. A rather marked rise is also shown at Spurn Head and Yarmouth, and also at Paris, in spite of the fact that the wind remains NNE ly. in direction. The Continental readings are generally somewhat lower than those reported yesterday. The sea is moderate in the North Sea, slight on our coasts otherwise, but it is rather rough off the northwest of France.

During yesterday showers of rain or sleet were experienced in most parts of the country, and rain occurred in the southeast of England. Temperature reached 53° at Scilly, but remained low generally.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

There appears to be a fresh disturbance to the northwest of our Islands. This will probably advance in an easterly or southeasterly direction, and cause rain in the north during the day. It is not anticipated that the southeast of England will feel its effect today, but less settled conditions are probable tomorrow.

FORECASTS*

For the 24 hours ending at NOON on 19TH NOVEMBER, 1903

DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	W^ly winds, freshening; fair at first, some rain later.
1 SCOTLAND EAST	
2 ENGLAND N.E.	Wind backing to NW. and W., moderate; fair, some rain later.
3 ENGLAND EAST	N^ly winds, moderate or light, backing later; fair and cold today, less settled tomorrow.
4 MIDLAND COUNTIES	
5 ENGLAND SOUTH	
6 SCOTLAND WEST	Same as Nos. 0 and 1.
7 ENGLAND N.W.	Light Variable winds, becoming W^ly; weather fair today, less settled tomorrow.
8 ENGLAND S.W	N^ly winds, moderate or light; fair generally.
9 IRELAND NORTH	Same as Nos. 0 and 1.
10 IRELAND SOUTH	Light variable breezes, becoming W^ly; fair generally.
WARNINGS	None issued.

Note.—The **South Cone**, *point downwards* (▼), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.

The **North Cone**, *point upwards* (▲), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

* *For terms for transmission of Forecasts by Telegraph; see next page.*

ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	Yesterday 6 p.m.					This Morning 8 a.m.									Past 24 Hours.				
	Bar. Ins.	Temp. °	Wind Direct.	Wind Force	Weather.	Barometer. Ins.	Barometer. Change.	Temperature Dry.	Temperature Wet.	Temperature Change	Wind Direct.	Wind Force	Weather.	Sea.	Temperature Max.	Temperature Min.	Weather	Sunshine. Hrs.	Rainfall Ins.
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	bc	*	41	33	o, b	1·7	0·27
Bath	30·03	42	SW	3	0	30·20	+·24	40	37	+ 3	N	1	c	*	45	?37	-	1·3	0·08

REPORTS FOR YESTERDAY.

STATIONS.	Temperture F. Max.	Temperture F. Min.	Weather.	Sunshine Hrs.	Rainfall. Ins.	STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Sunshine Hrs.	Rainfall Ins.
	°	°					°	°			
Southport, to 9 p.m.... ...						Broadstairs...	*	*	*	2·0	*
Rhyl, to 6 p.m.	*	*	*	2·7	*	Margate	45	40	o, r	1·8	–
Llandudno	*	*	*	4·0	*	Lowestoft, to 6 p.m.... ...	44	33	rs, o, c	0·1	0·10
Aberystwyth, to 6 p.m. ...	54	46	c	5·0	0·05	Skegness	*	*	*	0·0	*
Plymouth, to 9 p.m.... ...	49	39	o, op, b	0·3	0·04	Scarborough, to 6 p.m. ...	46	*	*	0·0	–
Worthing	*	*	*	0·1	*	Harrogate, to 6 p.m. ...	43	31	b, r, b, or	4·5	0·12
Brighton	43	*	*	0·0	*	Manchester, to 9 p.m. ...	45	33	r, bc, p	1·5	0·13
Eastbourne, to 6 p.m. ...	44	*	*	2·0	*	Darwen, to 9 p.m.	42	31	org, bcv	4·8	0·16
Hastings	*	*	*	2·0	*	Birmingham, to 9 p.m. ...	44	36	o, c	1·3	0·03
						Beltws-y-Coed.	46	*		2·3	*

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

STATIONS. 17th Nov. 1903.	Temperature, F. Max.	Temperature, F. Min.	Weather.	Rain. Ins.	STATIONS.	Temperature, F. Max.	Temperature, F. Min.	Weather.	Rain. Ins.
Copenhagen	37	34	o, f	0·08	Algiers	73	59	b, c	—
Utrecht...	48	30	b, m	0·04	Tunis	73	45	c, c	—
Groningen	46	34	bc, c	0·20	Madeira (Funchal) Not recd.				
Vienna	43	39	f, f	0·04	16th November.	1 p.m.	*	1 p.m.	Measured 7 a.m.
Marseilles	61	48	o, c	0·39	Geneva	48	*	r	0·20
Florence	60	50	o, r	0·24	Berne	39	*	r	0·28
Rome	62	51	b, tlr	0·16	Coire	45	*	c	0·08
Naples	62	53	c, o	0·20	Castasegna	46	*	o	—
Palermo	72	45	b, b	—	Lugano	57	*	o	—
Malta	72	60	?, m	—	Davos	32	*	c	0·08

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

COUNTRIES, &c.	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles, Belgium† ...	8 a.m. (West European)	8 a.m.	6 p.m.‡ (W.E.T.)	6 p.m.
Holland	8 a.m. („ „)	8 a.m.	7 p.m. (W.E.T.)	7 p.m.
Germany, Denmark, Norway, Sweden	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
France	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.
Spain	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)	6 p.m.
Portugal	8 a.m. (Lisbon)	8.36 a.m.	3.23 p.m. (Lisbon)	4 p.m.
Azores { Ponta Delgada	6 a.m. (Local)	7.43 a.m.	9 p.m. (Local)	10.43 p.m.
Azores { Horta	6 a.m. (Local)	7.55 a.m.	9 p.m. (Local)	10.55 p.m.

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM, TO-DAY.

18th Nov. 1903.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	7.20	11.38	3.56
Greenwich	7.24	11.45	4.6
Wick	8.9	11.57	3.45
Valencia	8.7	12.26	4.45

SUBSCRIPTIONS both for the Daily *and* Weekly Weather Reports *may be paid, in advance, to the* Meteorological Office.

TERMS: For Daily Weather Report, forwarded by Book Post, £1 0 0 per annum.
„ Weekly „ „ „ £1 10 0 „ Single Copies, 6d.

Single Copies of the Daily Weather Report (price 1d.) may be obtained after 3 p.m. on the day of issue at the Meteorological Office, and at Messrs. W. H. SMITH & SONS' Bookstalls at the following terminus Railway Stations:—Victoria, Charing Cross, King's Cross, St. Pancras, Euston.

FORECASTS OF WEATHER for one day in advance are drawn up at the Meteorological Office at 11 a.m., and between 7 and 8 p.m. The latest forecast can be had by Reply Telegram, on paying at any Post Office in the United Kingdom **Sixpence in addition to the cost of the inquiry and reply Telegrams.** Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application to the Meteorological Office, 63, Victoria Street, S.W., either personally or by post.

† The evening observations in Belgium are not given on page 1.

‡ At Oxford the observations are taken at 8 p.m.

DAILY WEATHER REPORT

for 8 a.m. on Friday, 20th November, 1903.

Issued by the METEOROLOGICAL OFFICE, 63, Victoria Street, London. W. N. SHAW, *Secretary.*

	STATIONS.	YESTERDAY EVENING. (See note on last page.) Barom. At 32° and M.S.L. Ins.	Temp. Dry Bulb. °	Wind. Direc.	Wind. Force (0 to 12.)	Weather	THIS MORNING. (See note on last page.) Barometer. At 32° Fahr. and M.S.L. Ins.	Barometer. Change since Yesterday. Ins.	Temperature. Dry Bulb. °	Temperature. Wet Bulb. °	Temperature. Change since Yesterday. °	Wind. Direc.	Wind. Force (0 to 12.)	Weather	Sea (0 to 9.)	PAST 24 HOURS. Temp. Max. °	Temp. Min. °	Weather	Sunshine. Hours.	Rainfall. Ins.
SCANDINAVIA.	Haparanda ...	29.89	21	N	2	o	29.56	-.37	34	34	+4	S	4	r	*	37	21	–	*	0.20
	Hernösand ...	29.92	27	≋	o	b	29.56	-.52	35	34	+12	SW	2	o	*	35	21	–	*	–
	Stockholm ...	30.22	27	≋	o	b	29.86	-.23	28	27	o	SSW	2	o	*	32	27	–	*	–
	Wisby	30.17	37	SSE	2	b	29.96	-.09	40	39	o	S	2	r	*	41	36	–	*	–
	Karlstad	30.10	36	W	2	o	29.74	-.39	41	39	+16	SW	4	o	*	*	*	o, r	*	–
	Færder (X'iania Fjord)	30.07	36	S	1	b	29.61	-.51	44	41	+11	SW	7	o	4	44	32	–	*	–
	Bodö	29.58	39	E	4	r	29.27	-.39	35	34	+7	SE	2	c	2	39	28	–	*	–
	Christiansund ...	29.77	44	WSW	5	r	29.16	-.80	41	38	-7	S	3	c	3	52	39	–	*	0.35
	Skudesnaes ...	30.05	46	S	6	o	29.48	-.67	44	43	+3	SW	8	r	5	46	41	r, o	*	*
BRITISH ISLANDS.	Sumburgh Head	29.87	45	WSW	3	o	29.23	-.73	41	39	-7	WNW	8	o	6	49	37	r, o, p	*	0.67
	Stornoway ...	29.99	45	SW	3	o	29.62	-.39	44	42	-2	NW	7	o	6	49	41	o	1.0	0.16
	Malin Head ...	30.18	47	NW	5	opm	29.86	-.34	48	47	+5	WNW	8	rmq	6	48	43	r, opm	*	0.06
	Blacksod Pt. ...	30.29	46	NW	3	b	30.11	-.11	51	49	+2	WNW	7	cpm	5	51	45	c, b	*	0.04
	Valencia	30.37	47	≋	o	o	30.29	.00	50	49	+12	W	5	omd	5	50	37	c, o	1.9	0.01
	Roche's Point ...	30.34	46	≋	o	o	30.24	-.06	48	46	+11	WNW	4	o	2	48	35	b, o	*	–
	Parsonstown ...	?30.29	43	S	1	r	30.12	-.19	48	47	+22	W	4	og	*	49	?26	–	1.2	0.02
	Donaghadee ...	30.25	44	WSW	2	c	29.94	-.32	45	45	+7	NW	3	ogp	2	45	36	–	*	0.01
	Liverpool Obsy.	30.27	39	WSW	2	m	30.00	-.28	46	43	+14	W	6	o	?	46	32	om	*	–
	Holyhead ...	30.28	43	SW	1	b	30.04	-.20	49	48	+10	WSW	6	om	4	49	38	c, b	*	–
	Pembroke (St. Ann's)	30.30	47	W	1	bc	30.19	-.09	50	47	+13	WNW	5	og	4	50	36	bc, p	3.5	–
	Scilly (St. Mary's)...	30.32	45	NE	1	b	30.31	+.07	50	48	+4	WNW	5	op	2	50	42	b	5.2	–
	Jersey (St. Aubins)...	30.25	46	ESE	3	bc	30.28	+.07	45	42	-2	NW	3	om	3	51	41	c, gm, bc	3.8	–
	Portland Bill ...	30.28	40	NNE	2	bc	30.19	-.05	48	46	+11	WNW	4	c	2	48	36	bc	*	–
	Dungeness ...	30.22	40	E	5	c	30.14	-.04	34	33	-10	NNW	3	m	1	47	30	c	2.2	0.01
	Wick	30.02	42	W	2	o	29.44	-.58	43	41	-4	NW	4	c	2	48	40	o r sp	*	0.13
	Nairn	30.03	43	W	2	c	29.59	-.49	45	43	-1	W	4	o	2	50	41	–	*	0.05
	Aberdeen ...	30.06	44	N	1	om	29.57	-.56	47	43	+5	W	6	bq	2	49	42	b, om	1.3	–
	Leith	30.13	47	WSW	2	c	29.67	-.52	49	46	+5	WSW	4	c	*	50	43	–	*	–
	North Shields ...	30.19	43	WSW	2	b	29.77	-.45	48	46	+14	WSW	4	o	2	48	32	f, b	*	–
	Spurn Head ...	30.23	43	SW	3	b	29.93	-.31	42	42	+1	SW	5	o	3	46	37	–	*	–
	Yarmouth ...	30.21	45	NNW	2	c	30.04	-.16	37	35	-6	WSW	4	cf	3	47	33	bc, c	*	–
	Nottingham ...	30.27	34	W	1	b	30.03	-.24	40	39	+12	SW	2	of	*	40	27	bf, b	0.0	–
	Oxford	30.33	32	NW	1	b	30.13	-.16	35	34	+3	WSW	3	o	*	44	30	b, m	*	0.01
	London (Brixton)...	30.28	41	NE	1	b	30.13	-.10	34	33	-4	≋	o	om	*	45	29	bf, b	0.4	–
GERMANY, &c.	The Scaw (Skagen)	30.11	41	W	3	b	29.79	-.34	43	41	+5	SW	4	c	1	45	37	–	*	–
	Fanö	30.17	43	W	2	c	29.94	-.29	43	40	+5	SW	2	r	*	45	36	–	*	–
	Cuxhaven ...	30.24	34	SW	1	f	30.03	-.20	30	30	-5	S	3	f	*	36	28	f	*	–
	The Helder ...	30.22	39	≋	o	b	30.00	-.21	45	42	+9	W	3	bc	2	45	36	–	*	–
	Brussels	*	*	*	*	*	30.15	-.04	25	25	-7	≋	o	f	*	41	24	–	*	–
	Berlin	30.18	35	NE	4	o	30.00	-.18	35	35	+1	NE	2	r	*	39	34	–	*	0.04
	Frankfürt ...	30.08	38	N	5	o	30.05	-.04	37	36	-1	N	2	o	*	41	36	–	*	0.08
	Munich	29.91	33	NE	4	r	30.00	+.06	34	34	-1	W	5	o	*	36	32	–	*	0.04
FRANCE.	C. Gris Nez ...	30.18	42	ENE	3	b	30.13	-.03	42	40	+7	WNW	4	bc	4	45	35	–	*	–
	Brest	30.26	42	NE	1	b	30.34	+.15	46	42	+6	N	2	c	1	50	40	–	*	–
	Lorient	30.23	48	NE	4	c	30.34	+.16	46	45	+1	N	3	bc	2	52	41	–	*	–
	Rochefort ...	30.13	46	NE	3	o	30.25	+.15	43	41	+6	N	4	b	*	48	36	b, o	*	–
	Biarritz	30.17	46	NE	2	b	30.30	+.17	42	40	+2	≋	o	c	1	50	39	b, l	*	0.04
	Paris	30.17	37	N	3	o	30.19	+.07	28	28	-4	NW	2	b	*	39	28	–	*	–
	Belfort	29.97	33	NE	2	s	30.08	+.15	32	32	-1	≋	o	s	*	39	32	–	*	0.12
	Lyons	?30.01	35	NNW	2	s	30.17	+.18	33	33	-2	NNW	1	s	*	36	33	–	*	0.08
	Nice	29.78	45	S	2	c	29.94	+.28	39	39	-2	ENE	3	r	4	54	39	–	*	0.12
	Perpignan ...	30.04	42	W	4	o	30.12	+.16	41	36	0	NW	5	o	*	46	39	–	*	–
SPAN. PEN.	Corunna																		*	
	Lisbon														*				*	
	Azores (P. Delgada)																		*	
	" (Horta) ...	30.36	57	NNE	5	c	30.12	-.28	58	58	-2	NE	5	bc	3	63	54	–	*	0.12

NOTE: *The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster: the Sunshine entered to Dungeness is recorded at Littlestone-on-Sea.*

* *Observations for this column not generally received.*

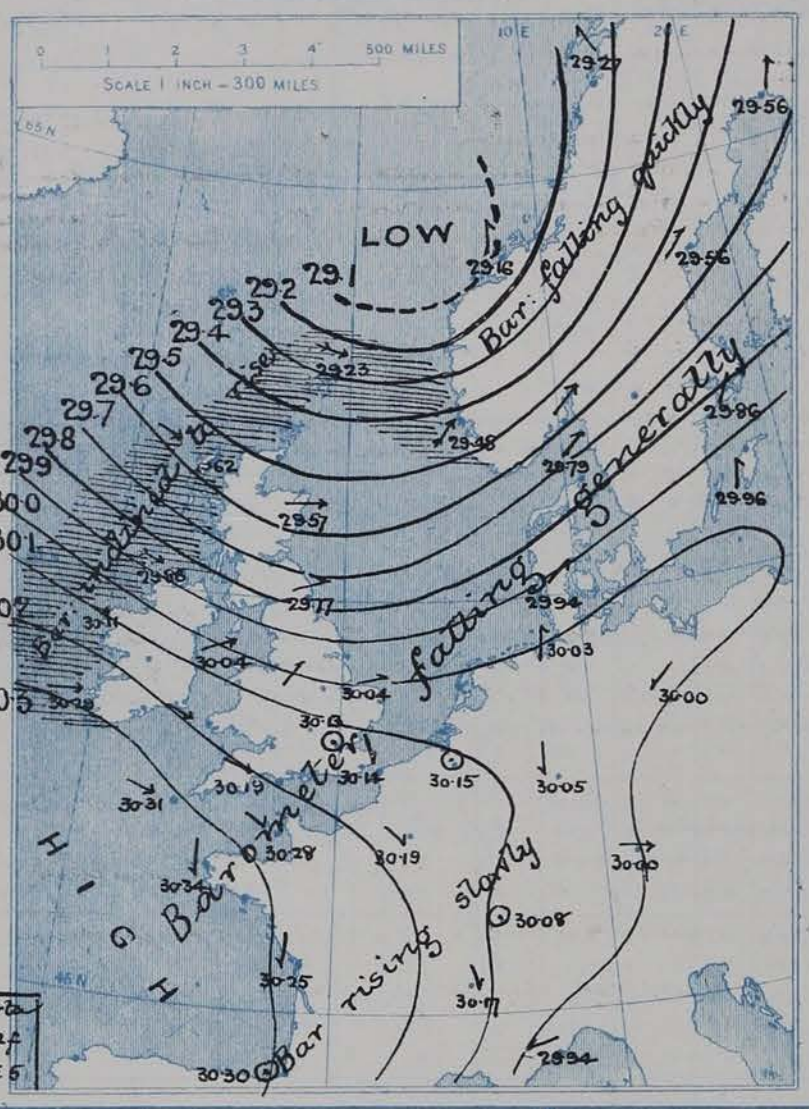
† *Observations received too late for insertion in Charts on next page.*

WEATHER CHARTS

FOR FRIDAY, 20th NOVEMBER, 1903.

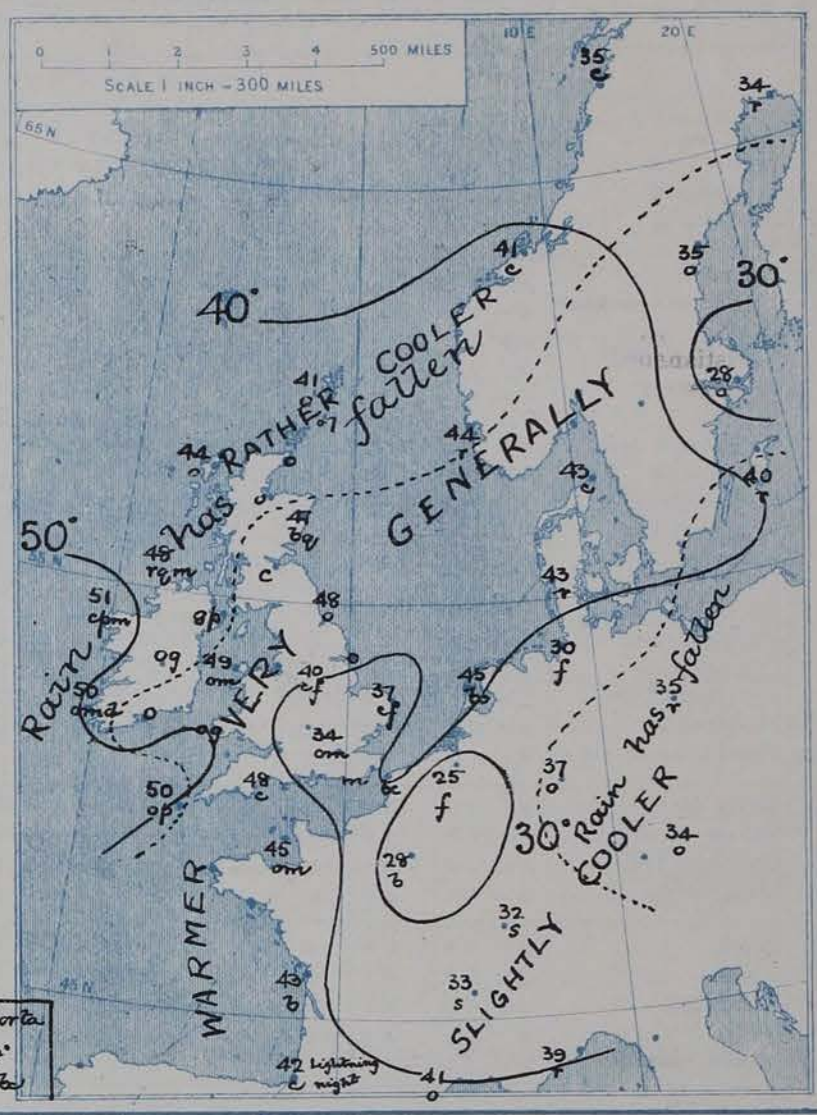
I. BAROMETER, WIND AND SEA. *This Morning.*

BAROMETER.—Isobars are drawn for each tenth of an inch.
WIND.—Arrows show Directions and Force, flying with the wind.
Force above 10 ⟶ ; *Force 5 to 7* ⟶ ; *Force 8 to 10* ⟶ ; *Force 1 to 4* ⟶ ; } Calm ⊙
SEA.—Rough ; *High*



II. TEMPERATURE AND WEATHER. *This Morning.*

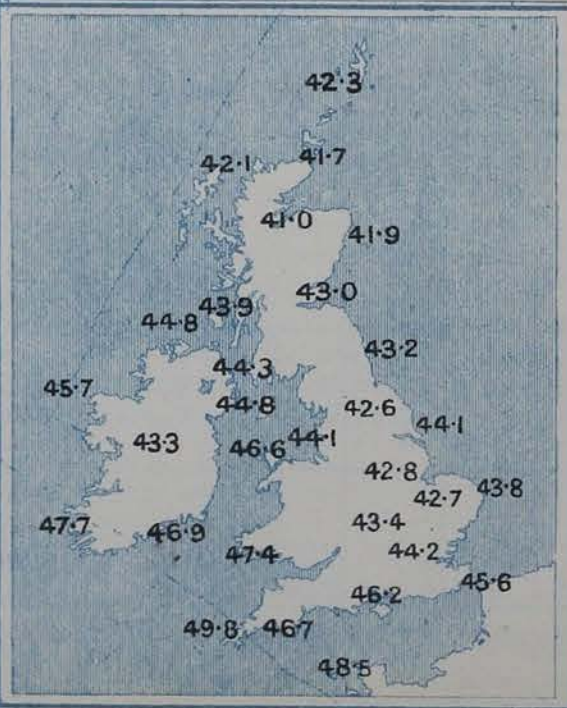
TEMPERATURE.—Isotherms are drawn for each 10°.
WEATHER.—Shown by Letters of the Beaufort Scale. *(See P. 4.)*
RAINFALL.—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus - 0·6



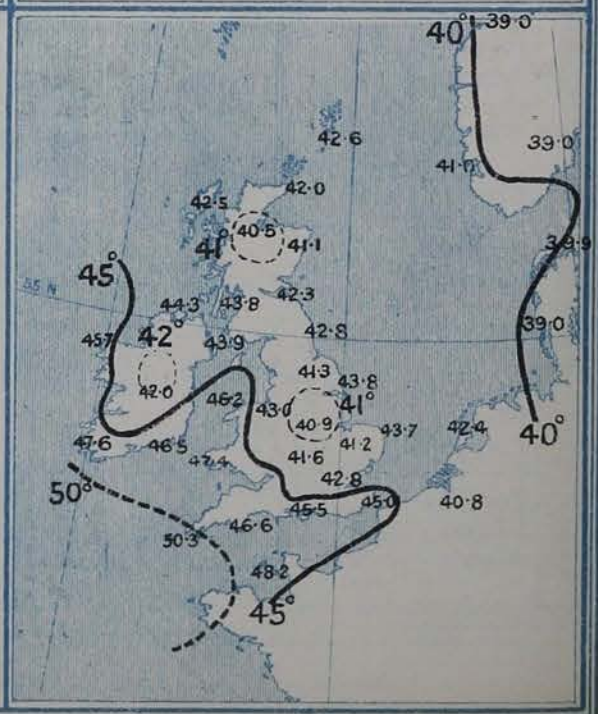
III. BAROMETER AND WIND

Yesterday morning.

IV. *Averages of* DAILY MAXIMUM *and* MINIMUM TEMPERATURES *combined for the month of* NOVEMBER. *(1871-1900)*



V. *Means of* DAILY TEMPERATURE *at* 8 A.M. *for the monthly period* NOVEMBER. *(1871-1900)*



GENERAL SITUATION AT 8 A.M.

PRESSURE

The anticyclone whose centre lay over Ireland at 8 am yesterday has since expanded eastwards and now forms a band of high pressure stretching from the Atlantic across Ireland and England to Denmark and North Germany. The lowest pressures, which are found in the extreme north and south of our area, range from 29·7 ins. and less in a depression near Bodö, and from another of similar depth over the southeast of France, to about 30·3 ins. over central Ireland.

WIND

Light to moderate or fresh winds from some W.ly point are reported from all the more northern regions, and light or moderate N.ly or NE.ly breezes over Germany, France, and our own southern coasts, while in the intervening regions there are light variable airs.

TEMPERATURE

Temperature is much below the mean over all the inland parts of England and Ireland; at Parsonstown it is 26°, at Nottingham 28°, at Bath 29°, and at Oxford and Liverpool 32°; at Dunginess, however, it is as high as 44°, at Blackrod Point 49°, and in the Shetlands 48°. The Continental values range from 45° at Lorient to 32° at Paris and from 48° on the west coast of Norway to 23° at Kemösand.

WEATHER AND SEA

Much cloud prevails over our area as a whole, but the only spot where rain or showers are reported is Blackrod Point. Fog or mist is very prevalent over England, the Netherlands, Denmark, and Germany. The sea is rather rough in the Minch, slight or smooth generally.

During yesterday the thermometer remained below 50° in nearly all parts of our Islands, and at Aberdeen only rose to 43°. Slight rain fell in a few places, but both over the United Kingdom and the Continent the weather was dry as a whole. At Biarritz a thunderstorm and waterspout were experienced, and at Malin Head a faint aurora was observed. A fair amount of bright sunshine was registered in most parts of Ireland and England, but none at the Scotch stations.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The anticyclone over our Islands and their neighbourhood appears to be firmly established, and no important change is, therefore, probable over the Kingdom as a whole. Depressions moving eastwards in the far north may, however, produce some rain on our extreme northwestern and northern coasts.

FORECASTS*

For the 24 hours ending at NOON on 20TH NOVEMBER, 1903

DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	Moderate or fresh W.ly or SW.ly winds; mild, cloudy or dull, some rain.
1 SCOTLAND EAST	SW.ly or W.ly winds, light or moderate; fair as a whole, rather mild during day.
2 ENGLAND N.E.	Light Variable airs or Calms; cold. Fog or mist in many places. Frost at night.
3 ENGLAND EAST	
4 MIDLAND COUNTIES	
5 ENGLAND SOUTH	Variable or light NE.ly airs; cloudy, misty or foggy. Frost at night.
6 SCOTLAND WEST	Same as No. 0.
7 ENGLAND N.W.	Variable or light N.ly airs; fair generally, mist or fog locally. Frost at night.
8 ENGLAND S.W	
9 IRELAND NORTH	Same as No. 0.
10 IRELAND SOUTH	Same as Nos. 7 and 8.
WARNINGS	None issued.

Note.—The **South Cone**, *point downwards* (▼), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.

The **North Cone**, *point upwards* (▲), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

* *For terms for transmission of Forecasts by Telegraph; see next page.*

ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	Yesterday 6 p.m.					This Morning 8 a.m.									Past 24 Hours.				
	Bar. Ins.	Temp. °	Wind Direc.	Wind Force	Weather.	Barometer. Ins.	Barometer. Change	Temperature Dry.	Temperature Wet.	Temperature Change	Wind Direc.	Wind Force	Weather.	Sea.	Temperature Max.	Temperature Min.	Weather	Sunshine. Hrs.	Rainfall Ins.
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	bc	*	47	36	bc, o	6.1	–
Bath	30.19	38	N	1	0	30.28	+ .08	29	29	– 11	SW	1	f	*	45	28	–	5.2	–

REPORTS FOR YESTERDAY.

STATIONS.	Temperture F. Max.	Temperture F. Min.	Weather.	Sunshine Hrs.	Rainfall. Ins.	STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Sunshine Hrs.	Rainfall. Ins.
Southport, to 9 p.m.... ...	44	31	b, bm	6.8	–	Broadstairs...	*	*	*	2.4	*
Rhyl, to 6 p.m.	*	*	*	6.5	*	Margate	47	*	*	2.2	*
Llandudno	*	*	*	5.5	*	Lowestoft, to 6 p.m.... ...	46	37	c, o, r sp, b	2.3	0.11
Aberystwyth, to 6 p.m. ...	45	35	bc	7.0	–	Skegness	*	*	*	4.1	*
Plymouth, to 9 p.m.... ...	46	36	b, bc, b	5.7	–	Scarborough, to 6 p.m. ...	46	*	*	2.5	*
Worthing	*	*	*	3.5	*	Harrogate, to 6 p.m. ...	44	35	c, r, bc	3.5	0.11
Brighton	45	*	*	4.1	*	Manchester, to 9 p.m. ...	44	31	o m, g f	0.0	0.01
Eastbourne, to 6 p.m. ...	45	*	*	4.0	*	Darwen, to 9 p.m.	42	31	b c m, b	4.0	–
Hastings	*	*	*	3.8	*	Birmingham, to 9 p.m. ...	42	33	o	0.3	–
						Beltus-y-Coed	45	*	*	5.2	*

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

STATIONS. 18th Nov., 1903.	Temperature, F. Max.	Temperature, F. Min.	Weather.	Rain. Ins.	STATIONS.	Temperature, F. Max.	Temperature, F. Min.	Weather.	Rain. Ins.
Copenhagen	37	30	m, f	–	Algiers	72	54	o, r	0.04
Utrecht...	45	27	m, f	0.20	Tunis	72	43	c, o	–
Groningen	45	27	m, f	0.12	Madeira (Funchal) Not recd.				
Vienna	45	37	r, o	0.16	17th November.,	1 p.m.		1 p.m.	Measured 7 a.m.
Marseilles	50	36	b, o	–	Geneva	41	*	o	1.34
Florence	60	46	r, o	1.02	Berne	34	*	s	1.14
Rome	64	55	thr, r	0.94	Coire	34	*	s	0.04
Naples	64	57	c, o	–	Castasegna	41	*	r	0.47
Palermo	75	58	o, o	–	Lugano	45	*	r	0.50
Malta	72	61	?, o	0.04	Davos	28	*	s	0.04

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew

* AN ASTERISK is inserted in all places for which information is not usually received.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

COUNTRIES, &c.	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles, Belgium† ...	8 a.m. (West European)	8 a.m.	6 p.m.‡ (W.E.T.)	6 p.m.
Holland	8 a.m. („ „)	8 a.m.	7 p.m. (W.E.T.)	7 p.m.
Germany, Denmark, Norway, Sweden	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
France	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.
Spain	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)	6 p.m.
Portugal	8 a.m. (Lisbon)	8.36 a.m.	3.23 p.m. (Lisbon)	4 p.m.
Azores { Ponta Delgada	6 a.m. (Local)	7.43 a.m.	9 p.m. (Local)	10.43 p.m.
Azores { Horta	6 a.m. (Local)	7.55 a.m.	9 p.m. (Local)	10.55 p.m.

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM, TO-DAY.

19th Nov., 1903.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	7.22	11.38	3.55
Greenwich	7.26	11.45	4.5
Wick	8.12	11.57	3.43
Valencia	8.9	12.26	4.44

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„ Weekly „ „ „ £1 10 0 „ Single Copies, 6d.

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FORECASTS OF WEATHER for one day in advance are drawn up at the Meteorological Office at 11 a.m., and between 7 and 8 p.m. The latest forecast can be had by Reply Telegram, on paying at any Post Office in the United Kingdom **Sixpence in addition to the cost of the inquiry and reply Telegrams.** Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application to the Meteorological Office, 63, Victoria Street, S.W., either personally or by post.

† The evening observations in Belgium are not given on page 1.

‡ At Oxford the observations are taken at 8 p.m.

DAILY WEATHER REPORT

for 8 a.m. on Saturday, 21st November, 1903.

Issued by the METEOROLOGICAL OFFICE, 63, Victoria Street, London. W. N. SHAW, *Secretary.*

	STATIONS.	YESTERDAY EVENING. (See note on last page.) Barom. At 32° and M.S.L. Ins.	Temp. Dry Bulb. °	Wind. Direc.	Wind. Force (0 to 12.)	Weather	THIS MORNING. (See note on last page.) Barometer. At 32° Fahr. and M.S.L. Ins.	Barometer. Change since Yesterday. Ins.	Temperature. Dry Bulb. °	Temperature. Wet Bulb. °	Temperature. Change since Yesterday. °	Wind. Direc.	Wind. Force (0 to 12.)	Weather	Sea (0 to 9.)	PAST 24 HOURS. Temp. Max. °	Temp. Min. °	Weather	Sunshine. Hours.	Rainfall. Ins.
SCANDINAVIA.	Haparanda ...	29.18	36	S	6	r	28.97	-.59	34	32	0	S	6	0	*	36	21	–	*	0.16
	Hernösand ...	29.28	37	SW	6	0	28.78	-.78	53	33	-2	N	0	S	*	37	19	–	*	0.32
	Stockholm ...	29.28	37	S	2	r	28.89	-.97	36	35	+8	S	2	0	*	37	27	–	*	0.04
	Wisby	29.40	38	S	4	r	29.04	-.92	39	38	-1	SW	4	0	*	43	36	–	*	–
	Karlstad	29.07	38	SW	8	0	28.87	-.87	32	31	-9	WNW	2	8	*	*	*	r,0	*	0.08
	Færder (X'iania Fjord)	29.05	43	WSW	6	8c	28.95	-.66	37	32	-7	W	6	8	3	44	37	–	*	0.12
	Bodö	28.86	36	E	4	c	28.62	-.65	36	34	+1	E	4	c	2	36	32	–	*	–
	Christiansund ...	28.83	40	WSW	6	r	28.88	-.28	34	33	-7	WNW	7	0	5	45	34	–	*	0.16
	Skudesnaes ...	29.26	41	NW	9	0	29.10	-.38	35	34	-9	NNW	4	c	4	45	34	0	*	*
BRITISH ISLANDS.	Sumburgh Head	29.37	39	NW	6	c	29.09	-.14	33	32	-8	N	2	S	4	43	32	0,c	*	0.13
	Stornoway ...	29.65	43	NNW	4	0	29.33	-.29	45	43	+1	NW	8	rg	8	48	41	org	0.9	0.40
	Malin Head ...	29.82	50	NW	8	0	29.64	-.22	50	47	+2	WNW	9	cg	7	51	47	r,org	*	0.08
	Blacksod Pt. ...	30.12	52	WNW	7	rm	30.04	-.07	53	50	+2	WNW	8	ogm	6	53	50	opmrm	*	0.03
	Valencia	30.29	52	NW	5	ogm	30.27	-.02	52	50	+2	W	6	omg	6	53	50	opgm	0.0	0.03
	Roche's Point ...	30.18	53	NW	6	0	30.13	-.11	53	47	+5	NW	7	c	3	53	47	o	*	0.02
	Parsonstown ...	30.10	52	W	6	0	30.04	-.08	51	49	+3	W	7	og	*	53	47	ou	0.0	–
	Donaghadee ...	29.87	51	NW	5	cpgg	29.64	-.30	52	48	+7	NNW	8	ogg	6	52	38	–	*	0.01
	Liverpool Obsy.	29.87	48	WNW	7	0	29.70	-.30	49	47	+3	W	8	o	6	51	45	op	*	0.04
	Holyhead ...	29.95	52	WNW	6	odpgm	29.85	-.19	52	50	+3	W	8	og	6	52	47	odpgm	*	0.03
	Pembroke (St. Ann's)	30.06	53	NW	6	0	30.03	-.16	53	50	+3	W	6	ogg	5	54	48	–	0.0	0.01
	Scilly (St. Mary's)...	30.20	52	WNW	6	opm	30.20	-.11	52	50	+2	WNW	7	c	4	54	48	opm	0.0	0.01
	Jersey (St. Aubins)...	30.08	51	WNW	5	or	30.10	-.18	54	51	+9	WNW	5	o	4	54	45	g,o,r,dp	0.0	–
	Portland Bill ...	29.99	51	WNW	5	c	29.96	-.23	53	50	+5	NW	6	c	4	53	47	c	*	–
	Dungeness ...	29.91	45	WNW	4	opm	29.82	-.32	49	48	+15	W	5	8c	3	50	33	cpm	0.0	0.03
	Wick	29.46	43	NW	6	c	29.09	-.35	42	41	-1	N	7	r	3	45	36	c,rsp	*	0.60
	Nairn	29.62	41	NW	3	0	29.26	-.33	45	44	0	WNW	6	r	4	46	39	–	*	0.20
	Aberdeen ...	29.61	40	W	5	8cp	29.23	-.34	44	42	-3	W	6	8cpg	3	49	49	8cgp	1.8	0.18
	Leith	29.70	47	W	2	0	29.37	-.30	49	45	0	W	5	8	*	52	45	o,g	*	–
	North Shields ...	29.72	45	W	2	8	29.40	-.37	50	48	+2	W	5	cp	3	50	44	c,8	*	–
	Spurn Head ...	29.76	46	W	5	8	29.51	-.42	50	48	+8	W	7	cu	4	51	41	–	*	–
	Yarmouth ...	29.75	45	WNW	4	8c	29.58	-.46	50	47	+13	WNW	6	cgg	4	50	36	c,8c	*	0.04
	Nottingham ...	29.85	50	WNW	3	0	29.69	-.34	50	48	+10	W	5	0	*	52	38	og,o	0.0	–
	Oxford	29.93	47	W	2	c	29.83	-.30	50	46	+15	W	3	c	*	51	35	o,cd	*	–
	London (Brixton)...	29.89	48	WNW	1	orm	29.83	-.30	51	48	+17	WNW	3	og	*	51	34	ogm,or	0.0	0.01
GERMANY, &c.	The Scaw (Skagen)	29.15	42	NW	4	8	29.04	-.75	39	34	-4	NW	6	8c	2	45	39	–	*	0.28
	Fanö	29.38	42	W	6	8	29.30	-.64	41	38	-2	W	5	0	*	45	39	–	*	0.39
	Cuxhaven ...	29.57	38	SW	6	r	29.41	-.62	42	41	+12	W	5	0	*	43	30	f,rg	*	0.63
	The Helder ...	29.63	48	NW	9	0	29.46	-.54	49	48	+4	WSW	5	r	6	50	45	–	*	0.08
	Brussels	*	*	*	*	*	29.76	-.39	46	45	+21	WSW	3	0	*	46	25	–	*	0.04
	Berlin	29.71	35	SW	2	0	29.46	-.54	39	38	+4	W	4	0	*	39	32	–	*	0.28
	Frankfürt ...	29.88	36	SW	3	r	29.76	-.29	39	39	+2	SW	2	c	*	39	34	–	*	0.20
	Munich	29.96	35	SW	5	0	29.82	-.18	33	33	-1	W	7	0	*	37	32	–	*	0.04
FRANCE.	C. Gris Nez ...	29.86	48	WSW	6	0	?		51	49	+9	WSW	6	0	6	51	42	–	*	0.08
	Brest	30.21	51	NW	4	0	30.22	-.12	53	53	+7	NW	5	f	5	53	46	–	*	–
	Lorient	30.18	51	NW	5	0	30.21	-.13	54	54	+8	NW	5	0	4	54	46	–	*	–
	Rochefort ...	30.22	50	NW	4	0	30.17	-.08	54	50	+11	NW	4	0	*	54	41	c,0	*	0.08
	Biarritz	30.36	50	W	4	r	30.20	-.10	54	54	+12	N	4	0	4	54	42	–	*	0.59
	Paris	30.04	43	SW	3	0	29.97	-.22	48	47	+20	W	3	0	*	48	28	–	*	0.04
	Belfort	30.05	33	WSW	5	0	29.98	-.10	34	34	+2	WSW	5	0	*	35	31	–	*	0.28
	Lyons	30.20	35	NNW	7	s	30.16	-.01	35	34	+2	ESE	1	r	*	36	33	–	*	0.16
	Nice	29.92	41	ENE	3	8c	29.91	-.03	40	35	+1	E	1	8	3	46	36	–	*	0.43
	Perpignan ...	30.20	45	NW	4	0	30.10	-.02	51	47	+10	NW	4	0	*	51	41	–	*	–
SPAN. PEN.	Corunna																		*	
	Lisbon	30.41	51	N	4	8	30.46	+.18	45	43	-1	ENE	3	8	*	57	43	–	*	–
	Azores (P. Delgada)	30.20	64	E	8	m	30.23	+.06	63	60	+8	ESE	8	m	7	64	55	–	*	0.83
	" (Horta) ...	30.17	60	NE	5	8c	30.11	-.01	65	61	+7	ESE	5	r	4	65	58	–	*	0.98

NOTE: *The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster: the Sunshine entered to Dungeness is recorded at Littlestone-on-S*

* *Observations for this column not generally received.*

† *Observations received too late for insertion in Charts on next page.*

WEATHER CHARTS

FOR Saturday, 21st November, 1903.

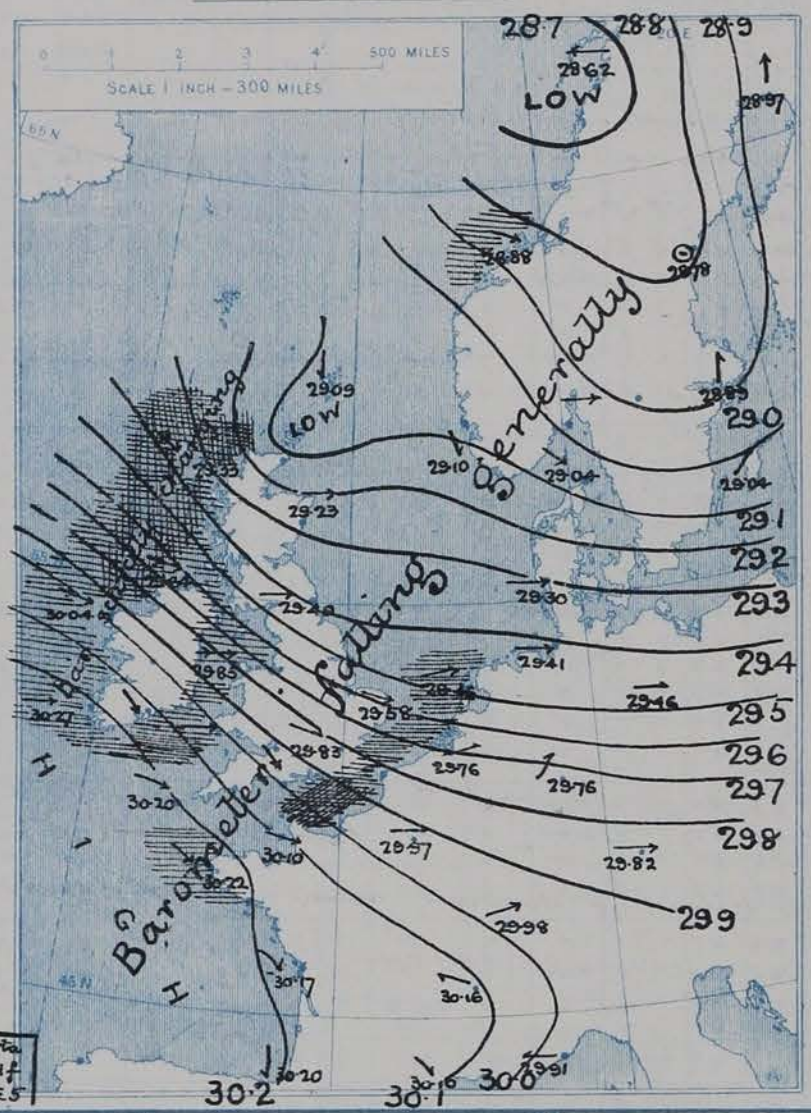
I. BAROMETER, WIND AND SEA. *This Morning.*

BAROMETER.—Isobars are drawn for each tenth of an inch.

WIND.—Arrows show Directions and Force, flying with the wind.

Force above 10 — *Force 8 to 10* — *Force 5 to 7* — *Force 1 to 4* — Calm ⊙

SEA.—Rough — *High*

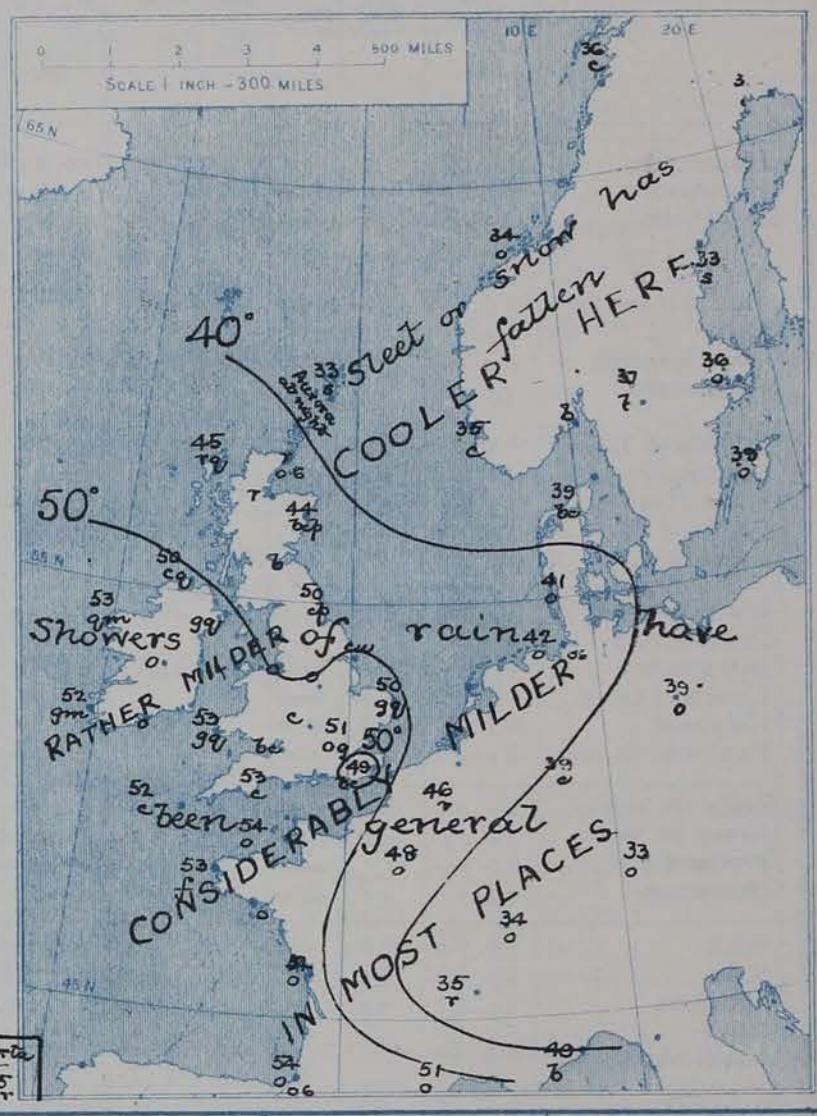


II. TEMPERATURE AND WEATHER. *This Morning.*

TEMPERATURE.—Isotherms are drawn for each 10°

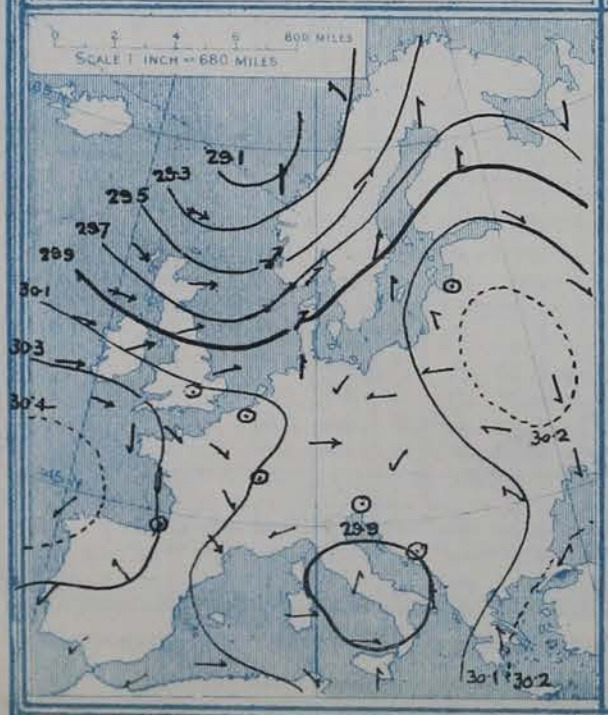
WEATHER.—Shown by Letters of the Beaufort Scale. *(See P. 4.)*

RAINFALL.—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus – 0·6

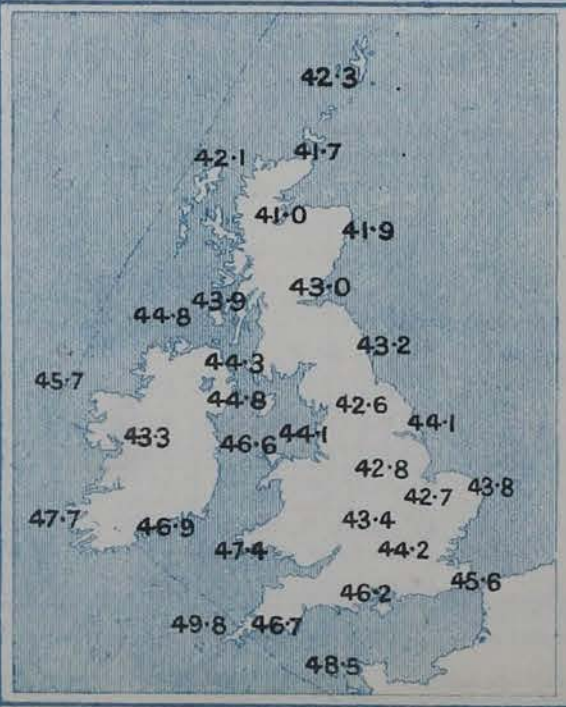


III. BAROMETER AND WIND

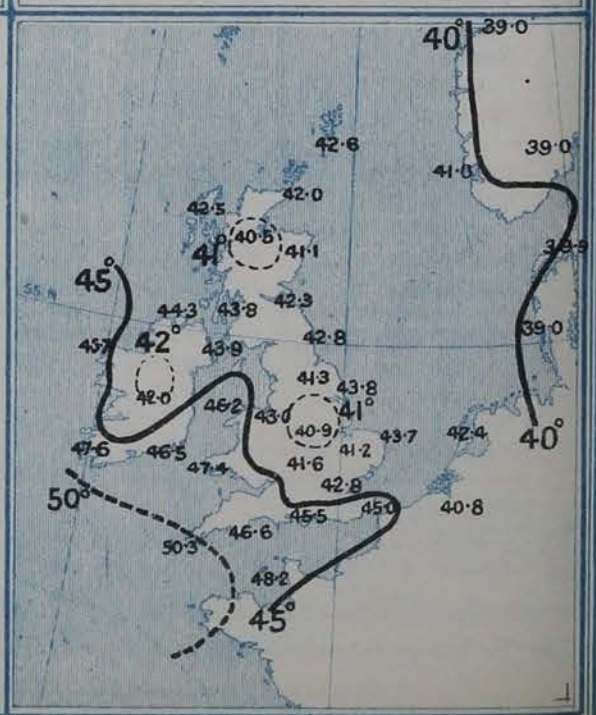
Yesterday morning.



IV. *Averages of* DAILY MAXIMUM *and* MINIMUM TEMPERATURES *combined for the month of* NOVEMBER. *(1871-1900)*



V. *Means of* DAILY TEMPERATURE *at 8 A.M. for the monthly period* NOVEMBER. *(1871-1900)*



GENERAL SITUATION AT 8 A.M.

PRESSURE

The anticyclone which lay over our Islands yesterday has now receded to the Bay of Biscay, while a large and rather deep depression has appeared off the west of Norway. The barometer now ranges from above 30·3 ins. in the former region to about 29·1 ins. in the latter. Pressure is still decreasing over the major portion of our area, but is inclined to increase again on our extreme western and northwestern coasts. Gradients are moderate to rather steep over the whole of Scandinavia, and all our own northern and western districts.

WIND

The wind has increased greatly in force from between W and NW on our western and northern coasts and now blows a moderate to fresh gale at several of the most exposed stations, while over the south of Norway it is equally strong from the SWwd. The winds over Germany and France do not at present feel the effects of the northern disturbance.

TEMPERATURE

Temperature has risen very quickly except in the north of Scotland, the southeastern counties of England, and at some continental stations. It is now about 50° over Ireland and the southwestern parts of Great Britain and very little lower in the south of Scotland, but decreases to 35° at Oxford and to 34° in London and at Dungeness. The Continental readings range from 46° at Brest and 44° in the southwest of Norway to 37° at Nice, 30° at the mouth of the Elbe, to 28° at Stockholm and Paris, and to 25° at Brussels.

WEATHER AND SEA

The sky has become cloudy or dull very generally, with rain at Berlin, Fanö, and in several parts of Scandinavia, and passing showers or steady rain in Ireland and at Scilly. In the east of France snow is falling. Fog still prevails at Nottingham, Yarmouth and Cuxhaven, and mist in a few other localities. The sea is rough off the north of Scotland, and rather so off the west of Ireland, moderate to smooth elsewhere.

The maximum temperatures registered over our Islands yesterday were low over central England; at Nottingham the thermometer failed to rise above 40°. Sharp frost was experienced during the night over the centre and east of England. In London the sheltered thermometer fell to 29°, at Nottingham to 27°, and at Bath to 25°. The minimum registered on the grass at Oxford was as low as 18°. Bright sunshine was little prevalent over the Kingdom as a whole, but at Scarborough and Harrogate there were nearly 6 hrs. and as much as 5·2 hrs. at Scilly.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The depression in the north is likely to be followed by secondary systems that will move eastwards or southeastwards over our more northern districts and the North Sea and bring rather disturbed weather to all parts of the Kingdom.

FORECASTS*

For the 24 hours ending at NOON on 21ST NOVEMBER, 1903

DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH 1 SCOTLAND EAST	Fresh or strong winds between W. and NW.; changeable, some hail, sleet or rain showers.
2 ENGLAND N.E. 3 ENGLAND EAST 4 MIDLAND COUNTIES 5 ENGLAND SOUTH	W^ly or NW^ly winds, freshening; weather becoming unsettled with some rain. Temperature changing fitfully.
6 SCOTLAND WEST 7 ENGLAND N.W.	Same as Nos. 0 and 1.
8 ENGLAND S.W	W^ly or NW^ly winds, increasing in force; some showers.
9 IRELAND NORTH	Same as Nos. 0 and 1.
10 IRELAND SOUTH	Same as No. 8.
WARNINGS	None issued.

Note.—The **South Cone**, *point downwards* (▼), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.

The **North Cone**, *point upwards* (▲), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

* *For terms for transmission of Forecasts by Telegraph; see next page.*

ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	Yesterday 6 p.m. Bar. Ins.	Temp. °	Wind Direc.	Wind Force	Weather.	This Morning 8 a.m. Barometer. Ins.	Barometer. Change	Temperature Dry.	Temperature Wet.	Temperature Change	Wind Direc.	Wind Force	Weather.	Sea.	Past 24 Hours. Temperature Max.	Temperature Min.	Weather	Sunshine. Hrs.	Rainfall Ins.
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	o	*	46	31	c,p,b	0·8	0·03
Bath	30·31	32	SW	1	o	30·16	-·12	39	38	+10	SW	1	c	*	45	25	–	3·0	–

REPORTS FOR YESTERDAY.

STATIONS.	Temperture F. Max.	Temperture F. Min.	Weather.	Sunshine Hrs.	Rainfall. Ins.	STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Sunshine Hrs.	Rainfall. Ins.
Southport, to 9 p.m.... ...	45°	26°	c, f, o	0·0	–	Broadstairs...	*	*	*	4·4	*
Rhyl, to 6 p.m.	*	*	*	0·2	*	Margate	48	40	b, o, r	3·3	0·49
Llandudno	*	*	*	0·1	*	Lowestoft, to 6 p.m.... ...	47	39	c, op, c	1·7	0·09
Aberystwyth, to 6 p.m. ...	45	33	c	5·0	–	Skegness	*	*	*	3·8	*
Plymouth, to 9 p.m.... ...	45	33	b, bc, b	5·0	–	Scarborough, to 6 p.m. ...	45	*	*	5·6	*
Worthing	*	*	*	3·5	*	Harrogate, to 6 p.m. ...	45	30	b, o	5·9	–
Brighton	46	*	*	4·4	*	Manchester, to 9 p.m. ...	40	24	o m	0·0	–
Eastbourne, to 6 p.m. ...	46	*	*	4·0	*	Darwen, to 9 p.m.	43	29	bc, md, om	2·5	–
Hastings	*	*	*	3·6	*	Birmingham, to 9 p.m. ... Bettws-y-Coed	43	26	*	0·5	*

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

STATIONS. 19th Nov., 1903.	Temperature, F. Max.	Temperature, F. Min.	Weather.	Rain. Ins.	STATIONS.	Temperature, F. Max.	Temperature, F. Min.	Weather.	Rain. Ins.
Copenhagen	39	30	f, f	?	Algiers	68	54	r, o	0·43
Utrecht...	45	28	bc, f	–	Tunis	70	41	c, o	–
Groningen	41	27	f, f	–	Madeira (Funchal)	68	52	b, c	–
Vienna	43	37	r, o	0·67	18th November,	1 p.m.	*	1 p.m.	Measured 7 a.m.
Marseilles	50	34	o, o	–	Geneva	37	*	o	–
Florence	55	45	o, o	0·47	Berne	32	*	o	0·28
Rome	57	55	r, o	1·34	Coire	36	*	o	0·32
Naples	62	53	b, r	0·43	Castasegna	39	*	o	0·75
Palermo	68	50	b, o	0·39	Lugano	43	*	c	1·54
Malta	74	63	?, f	–	Davos	27	*	bc	0·35

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

COUNTRIES, &c.	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles, Belgium† ...	8 a.m. (West European)	8 a.m.	6 p.m.‡ (W.E.T.)	6 p.m.
Holland	8 a.m. („ „)	8 a.m.	7 p.m. (W.E.T.)	7 p.m.
Germany, Denmark, Norway, Sweden	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
France	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.
Spain	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)	6 p.m.
Portugal	8 a.m. (Lisbon)	8.36 a.m.	3.23 p.m. (Lisbon)	4 p.m.
Azores { Ponta Delgada	6 a.m. (Local)	7.43 a.m.	9 p.m. (Local)	10.43 p.m.
Azores { Horta	6 a.m. (Local)	7.55 a.m.	9 p.m. (Local)	10.55 p.m.

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM, TO-DAY.

20th Nov., 1903.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	7·24	11·39	3·54
Greenwich	7·28	11·46	4·4
Wick	8·14	11·58	3·42
Valencia	8·11	12·27	4·43

SUBSCRIPTIONS both for the Daily *and* Weekly Weather Reports *may be paid, in advance, to the* Meteorological Office.

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„ Weekly „ „ „ £1 10 0 „ Single Copies, 6d.

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FORECASTS OF WEATHER for one day in advance are drawn up at the Meteorological Office at 11 a.m., and between 7 and 8 p.m. The latest forecast can be had by Reply Telegram, on paying at any Post Office in the United Kingdom **Sixpence in addition to the cost of the inquiry and reply Telegrams.** Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application to the Meteorological Office, 63, Victoria Street, S.W., either personally or by post.

† The evening observations in Belgium are not given on page 1.

‡ At Oxford the observations are taken at 8 p.m.

DAILY WEATHER REPORT

for 8 a.m. on Sunday, 22ND NOVEMBER, 1903.

Issued by the METEOROLOGICAL OFFICE, 63, Victoria Street, London. **W. N. SHAW**, *Secretary.*

	STATIONS.	YESTERDAY EVENING. (See note on last page.) Barom. At 32° and M.S.L. Ins.	Temp. Dry Bulb. °	Wind. Direc.	Wind. Force (0 to 12.)	Weather	THIS MORNING. (See note on last page.) Barometer. At 32° Fahr. and M.S.L. Ins.	Barometer. Change since Yesterday. Ins.	Temperature. Dry Bulb. °	Temperature. Wet Bulb. °	Temperature. Change since Yesterday. °	Wind. Direc.	Wind. Force (0 to 12.)	Weather	Sea (0 to 9.)	PAST 24 HOURS. Temp. Max. °	Temp. Min. °	Weather	Sunshine. Hours.	Rainfall. Ins.
SCANDINAVIA.	Haparanda ...	28.73	28	SE	2	0	28.74	-.23	32	31	-2	SE	2	s	*	37	27	—	*	0.43
	Hernösand ...	28.65	28	Z	0	b	28.78	.00	25	22	-8	Z	0	0	*	39	25	—	*	0.28
	Stockholm ...	28.72	34	S	2	s	28.87	-.02	24	24	-12	Z	0	b	*	39	?	—	*	0.08
	Wisby	28.78	39	WSW	4	0	28.96	-.08	35	31	-4	WSW	4	b	*	41	35	—	*	0.08
	Karlstad	28.84	28	WNW	2	b	28.97	+.10	23	23	-9	N	2	b	*	*	*	s, b	*	0.04
	Færder (X'iania Fjord)	28.89	35	WNW	4	b	29.02	+.07	41	35	+4	NW	4	bc	3	41	34	—	*	—
	Bodö	28.72	34	SE	4	c	28.80	+.18	36	35	0	W	3	c	2	36	32	—	*	—
	Christiansund ...	28.68	37	WNW	5	s	29.01	+.13	37	36	+3	W	4	c	4	37	32	—	*	0.12
	Skudesnaes ...	29.13	39	NNW	10	c	29.42	+.32	38	34	+3	NNW	9	c	5	39	35	c	*	*
BRITISH ISLANDS.	Sumburgh Head	29.37	34	NW	9	c	29.63	+.54	36	32	+3	WNW	5	o	6	37	30	c	*	0.11
	Stornoway ...	29.74	39	WNW	5	o	29.74	+.41	41	40	-4	WSW	3	r	3	49	36	o	2.1	0.25
	Malin Head ...	29.94	47	NW	8	cg	29.94	+.30	50	49	0	WNW	7	cgp	6	50	44	c, cg	*	0.05
	Blacksod Pt. ...	30.19	49	NW	7	cm	30.15	+.11	51	50	-2	WNW	6	opm	5	53	49	cmg, cm	*	0.04
	Valencia	30.32	52	W	7	o	30.33	+.06	50	49	-2	WSW	5	omp	5	54	50	omg	0.0	0.02
	Roche's Point ...	30.21	52	NW	7	bc	30.30	+.17	50	49	-3	W	3	c	1	54	49	o, bc	*	0.03
	Parsonstown ...	30.18	46	NW	5	bc	30.21	+.17	49	48	-2	W	3	o	*	53	47	bc, p	2.0	0.01
	Donaghadee ...	29.97	46	NNW	5	cp	30.03	+.39	50	49	-2	NNW	4	bcgp	4	?82	43	cp	*	0.02
	Liverpool Obsy.	29.93	46	WNW	7	c	30.07	+.37	48	47	-1	W	6	o	5	52	44	omp	*	0.06
	Holyhead ...	30.01	50	NW	9	bcg	30.13	+.28	51	50	-1	W	6	o	5	52	47	cgmp	*	—
	Pembroke (St. Ann's)	30.11	53	WNW	7	c	30.23	+.20	52	51	-1	WNW	7	cgg	6	54	50	cpg	0.3	0.01
	Scilly (St. Mary's)...	30.21	53	NW	7	c	30.38	+.18	52	50	0	WNW	6	c	5	55	50	c	5.0	—
	Jersey (St. Aubins)...	30.10	55	WNW	7	r	30.35	+.25	51	48	-3	WNW	4	b	3	56	50	omg, r	0.5	0.02
	Portland Bill ...	29.96	52	NW	7	c	30.24	+.28	50	49	-3	WNW	6	c	5	54	48	c	*	—
	Dungeness ...	29.82	51	NNW	5	c	30.17	+.35	45	42	-4	W	5	b	3	54	41	c, g	1.4	—
	Wick	29.58	40	N	7	o	29.71	+.62	36	35	-6	N	1	r	1	44	34	—	*	0.10
	Nairn	29.72	39	NW	4	o	29.77	+.81	39	38	-6	W	1	rs	1	52	34	o, r	*	0.14
	Aberdeen ...	29.67	37	WNW	5	bhp	29.81	+.58	38	36	-6	SSW	3	bcm	2	45	36	bqshb	1.0	0.13
	Leith	29.75	42	WNW	2	b	29.84	+.47	44	42	-5	WSW	2	o	*	51	39	—	*	0.01
	North Shields ...	29.73	43	WNW	4	c	29.90	+.50	43	42	-7	W	3	o	4	51	37	bc, r, c	*	0.02
GERMANY, &c.	Spurn Head ...	29.65	44	NW	8	c	29.97	+.46	45	43	-5	W	4	o	4	53	42	—	*	0.03
	Yarmouth ...	29.60	49	NW	7	crq	29.99	+.41	41	39	-9	WNW	5	bc	5	52	38	bcrq	*	0.07
	Nottingham ...	29.90	48	WNW	5	b	30.06	+.37	44	44	-6	W	1	o	*	53	43	—	1.1	0.01
	Oxford	29.99	47	NW	6	p	30.18	+.35	44	42	-6	WSW	3	bc	*	54	43	cgp	*	—
	London (Brixton)...	29.85	51	NW	8	c	30.16	+.33	45	42	-6	NW	2	b	*	55	43	c, cg	0.2	—
	The Scaw (Skagen)	28.95	38	WNW	5	b	29.10	+.06	41	35	+2	NW	6	bc	2	41	37	—	*	—
	Fanö	29.22	37	NW	9	b	29.47	+.17	39	35	-2	WNW	9	b	*	46	34	qshr	*	0.55
	Cuxhaven ...	?29.16	44	NW	9	o	29.60	+.19	39	37	-3	NW	6	c	*	48	39	—	*	0.32
	The Helder ...	29.48	47	NNW	8	bc	29.87	+.41	47	41	-2	NNW	7	c	7	52	41	—	*	0.08
	Brussels	*	*	*	*	*	30.08	+.32	40	38	-6	WSW	3	c	*	50	37	—	*	0.20
	Berlin	28.93	42	SW	4	o	29.52	+.06	36	34	-3	WNW	5	b	*	43	34	—	*	0.32
	Frankfürt ...	29.56	43	W	8	r	29.97	+.21	39	34	0	W	4	b	*	50	37	—	*	0.12
	Munich	29.54	42	SW	7	o	29.93	+.11	35	33	+2	W	6	c	*	43	33	—	*	0.16
FRANCE.	C. Gris Nez ...	29.85	52	WNW	7	b	30.21	—	47	44	-4	W	6	b	6	55	43	—	*	—
	Brest	30.27	54	NW	5	o	30.42	+.20	52	50	-1	NW	4	o	4	54	52	—	*	?
	Lorient	30.23	54	NW	5	o	30.43	+.22	54	52	0	NW	4	o	4	55	50	—	*	—
	Rochefort ...	30.21	55	NW	7	o	30.45	+.28	54	46	0	W	1	b	*	55	50	—	*	0.04
	Biarritz	30.37	58	NW	5	o	30.50	+.30	56	54	+2	NNW	4	o	4	58	52	—	*	0.24
	Paris	29.92	52	WNW	4	o	30.24	+.27	43	41	-5	WNW	2	b	*	53	41	—	*	—
	Belfort	29.80	39	SW	8	r	30.15	+.17	38	36	+4	WSW	5	o	*	43	34	—	*	0.24
	Lyons	30.14	41	ENE	1	s	30.31	+.15	44	40	+9	NW	1	c	*	49	35	—	*	0.04
	Nice	29.91	48	E	1	b	29.80	-.11	40	35	0	SW	1	b	1	52	39	—	*	—
	Perpignan ...	30.12	58	NW	5	b	30.19	+.09	55	48	+4	NW	8	bq	*	60	51	—	*	—
SPAN. PEN.	Corunna																		*	
	Lisbon	30.45	55	NNE	4	b	30.39	-.07	51	50	+6	NNE	3	b	*	61	45	—	*	—
	Azores (P. Delgada)	30.25	66	SSE	8	o	30.17	-.06	65	61	+2	SE	6	o	7	68	63	—	*	—
	" (Horta) ...	30.07	65	S	4	r	30.05	-.06	66	65	+1	SSE	5	r	4	66	64	—	*	1.02

NOTE: *The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster: the Sunshine entered to Dungeness is recorded at Littlestone-on-Sea.*

* *Observations for this column not generally received.*

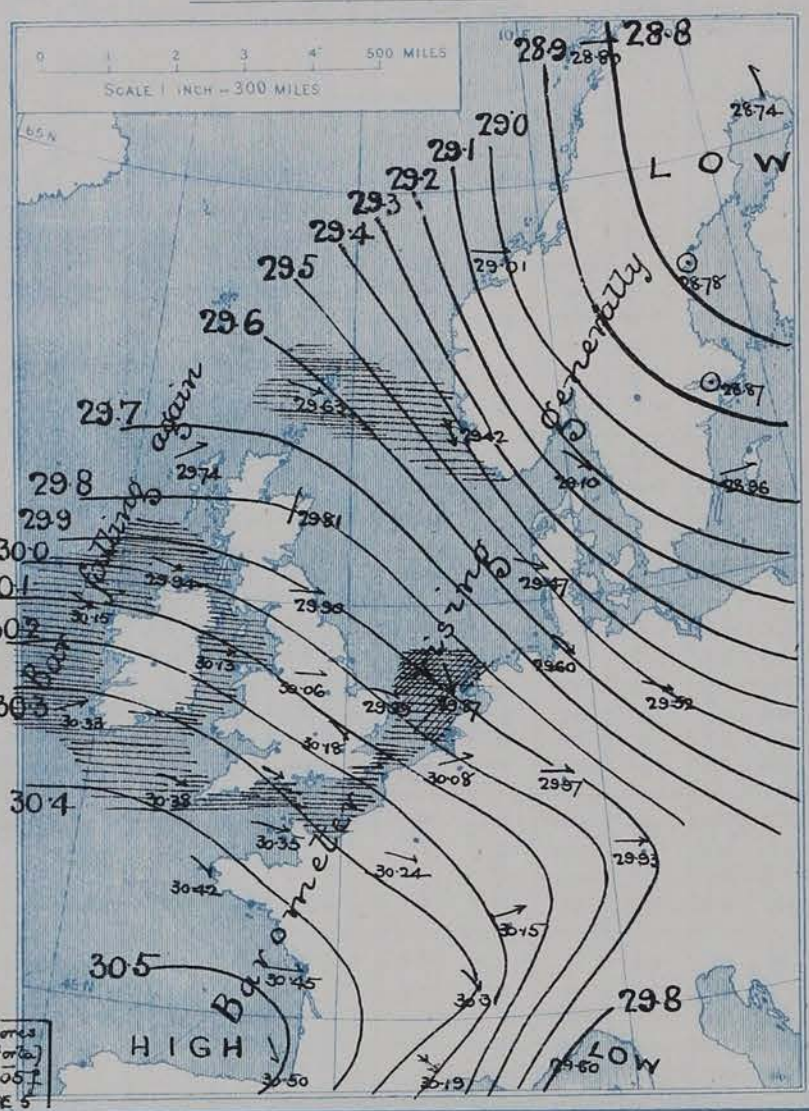
† *Observations received too late for insertion in Charts on next page.*

WEATHER CHARTS

FOR *Sunday 22nd November, 1903.*

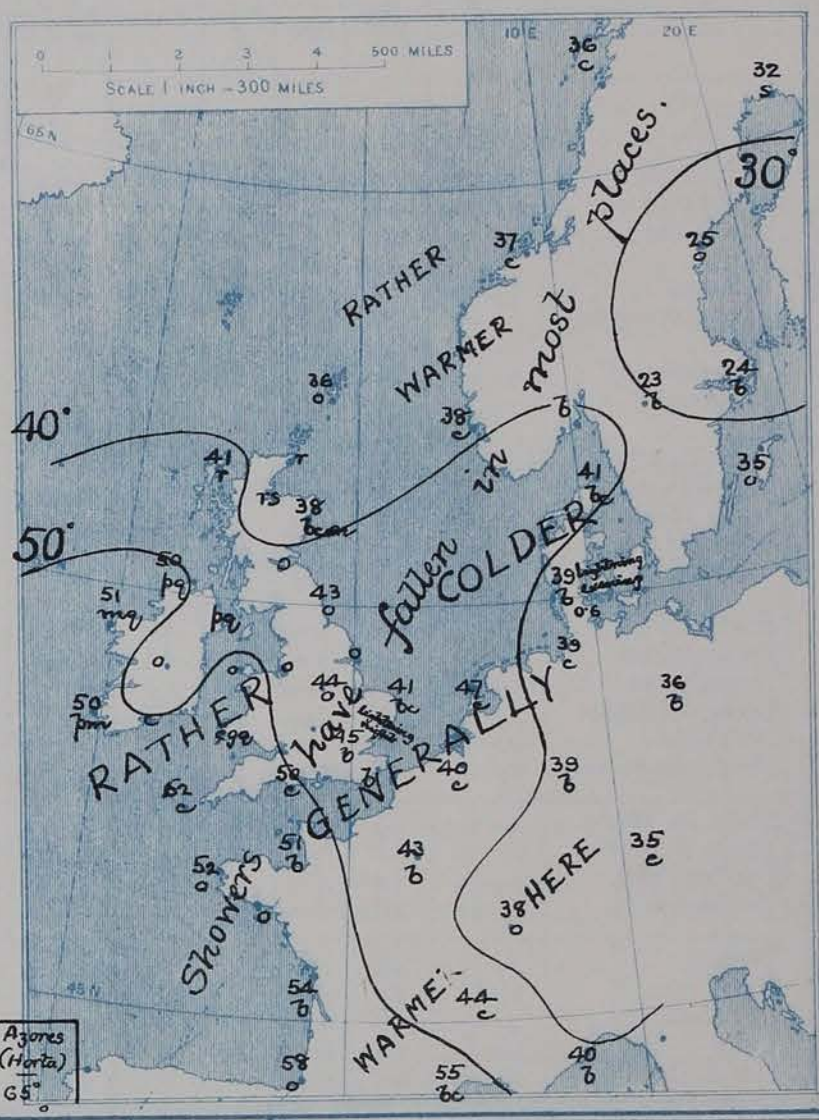
I. BAROMETER, WIND AND SEA. *This Morning.*

BAROMETER.—Isobars are drawn for each tenth of an inch.
WIND.—Arrows show Directions and Force, flying with the wind.
Force above 10 — *Force 8 to 10* — *Force 5 to 7* — *Force 1 to 4* — Calm
SEA.—Rough — *High*



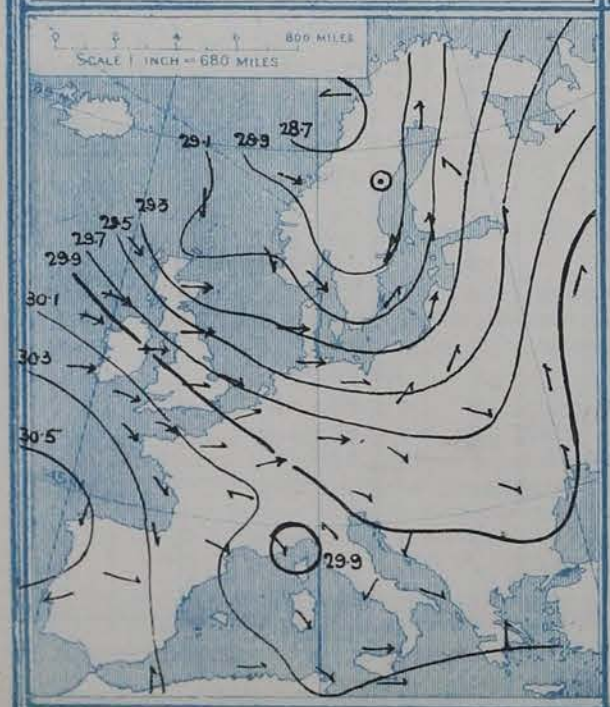
II. TEMPERATURE AND WEATHER. *This Morning.*

TEMPERATURE.—Isotherms are drawn for each 10°
WEATHER.—Shown by Letters of the Beaufort Scale. (See P. 4.)
RAINFALL.—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus -0·6

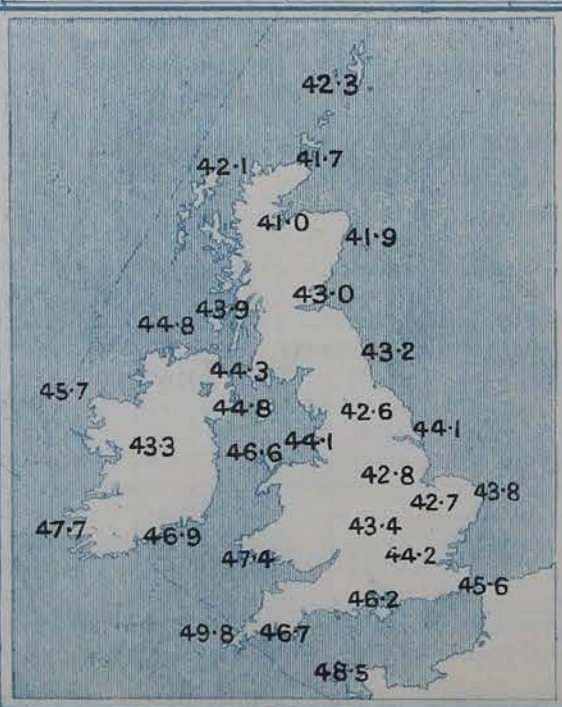


III. BAROMETER AND WIND

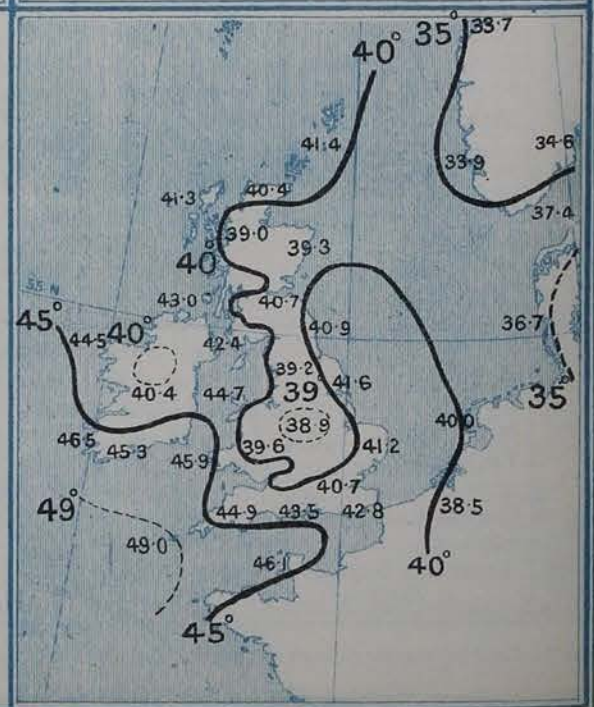
Yesterday morning.



IV. *Averages of* DAILY MAXIMUM *and* MINIMUM TEMPERATURES *combined for the month of* NOVEMBER. *(1871-1900)*



V. *Means of* DAILY TEMPERATURE *at 8 A.M. for the Two monthly period* NOVEMBER - DECEMBER *(1871-1900)*



GENERAL SITUATION AT 8 A.M.

PRESSURE

The large cyclonic disturbance which was shown off the west of Norway yesterday has since moved in an easterly direction, but the presence of several secondary minima has made the system of very irregular shape. The barometer readings at its centre – not far from Bodö – are as low as 28·6 ins., whence they increase to 29·09 ins. at Wick and to above 30·2 ins. in an anticyclone extending from the Atlantic to the west of France and the southwest of Ireland. Gradients are steep over the United Kingdom, especially in the west.

WIND TEMPERATURE WEATHER AND SEA

A very extensive NW^{ly} to W^{ly} current of wind prevails over our Islands and the western portion of the Continent; it blows a fresh or strong breeze in most places, but has increased to a gale over the Irish Sea and our most northwestern coasts generally. Over Sweden the wind is S^{ly}, while at Bodö it draws into E. Temperature has risen quickly over England and France, fallen in the Shetlands, and over the countries lying to the northeastward of the North Sea. It is now above the average at nearly all our own stations, ranging from 50° or a little above over the greater part of Ireland and England to 42° at Wick and to 33° at Lumburgh Head. The Continental readings range from 54° along the west coast of France to 33° at Munich, and from 49° in the north of Holland to 32° at Karlstad. The weather is in a very unstable condition, with showers or steady rain in several places and with snow in the Shetlands and at Hernösand. The sea is rough or rather so on most coasts, and high in the Minch.

The maximum temperatures recorded over our Islands yesterday were nearly all above 50°; and the minimum values of the night were high. Rain has fallen in almost all parts of our area – as much as 0·6 in. at Wick (partly composed of sleet), Biarritz and Cuxhaven, and 0·4 in. at Stornoway, Fanö and Nice. The only stations to report any amount of sunshine are Aberdeen and Stornoway where the respective duration was 1·8 hrs. and 0·9 hr. At Lumburgh Head a display of aurora was observed during the night.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The cyclonic system in the north appears likely to move away slowly eastwards and the gradients over our Islands will gradually become less steep. With the distribution of pressure now prevailing, however, secondary disturbances will probably appear in the north and northwest and cause the weather to to continue in an unsettled state generally.

FORECASTS*

For the 24 hours ending at NOON on 22nd NOVEMBER, 1903

DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH 1 SCOTLAND EAST	NW^{ly} to W^{ly} winds, decreasing gradually in force; colder, showers of rain, hail, or sleet.
2 ENGLAND N.E. 3 ENGLAND EAST 4 MIDLAND COUNTIES 5 ENGLAND SOUTH	W^{ly} and NW^{ly} winds, fresh or strong to moderate; changeable, some showers. Temperature falling again.
6 SCOTLAND WEST 7 ENGLAND N.W.	Same as Nos. 0 and 1.
8 ENGLAND S.W	W^{ly} or NW^{ly} winds, strong to a gale, then decreasing; changeable, showery, squally. Becoming cooler.
9 IRELAND NORTH 10 IRELAND SOUTH	Same as Nos. 0 and 1.
WARNINGS	At 9.30 am this morning to part of Dist. 8, "HOIST NORTH CONE."

Note.—The **South Cone**, *point downwards* (▼), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.

The **North Cone**, *point upwards* (▲), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

* *For terms for transmission of Forecasts by Telegraph; see next page.*

ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	Yesterday 6 p.m. Bar. Ins.	Temp.	Wind Direct.	Wind Force	Weather.	This Morning 8 a.m. Barometer. Ins.	Barometer. Change	Temperature Dry.	Temperature Wet.	Temperature Change	Wind Direct.	Wind Force	Weather.	Sea.	Past 24 Hours. Temperature Max.	Temperature Min.	Weather	Sunshine. Hrs.	Rainfall Ins.
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	c	*	49	35	o, f, b	0·0	0·03
Bath	29.98	49	SW	3	o	29.89	−·27	51	47	+12	W	5	bc	*	52	? 39	–	0·0	0·01

REPORTS FOR YESTERDAY.

STATIONS.	Temperture F. Max.	Temperture F. Min.	Weather.	Sunshine Hrs.	Rainfall. Ins.	STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Sunshine Hrs.	Rainfall. Ins.
Southport, to 9 p.m.... ...	50	41	o, op	0·0	0·30	Broadstairs...	*	*	*		*
Rhyl, to 6 p.m.	*	*	*	0·0	*	Margate	47	33	o, p	0·0	–
Llandudno	*	*	*	0·0	*	Lowestoft, to 6 p.m.... ...					
Aberystwyth, to 6 p.m. ...	51	46	or	0·0	0·05	Skegness	*	*	*	0·0	*
Plymouth, to 9 p.m.... ...	53	33	f, op	0·0	0·03	Scarborough, to 6 p.m. ...	48	*	*	0·0	*
Worthing	*	*	*	0·0	*	Harrogate, to 6 p.m. ...	48	36	o, p, o	0·0	0·04
Brighton	47	*	*	0·0	*	Manchester, to 9 p.m. ...	50	33	o d, r	0·0	0·18
Eastbourne, to 6 p.m. ...	48	*	*	0·0	*	Darwen, to 9 p.m.	46	38	or, o d	0·0	0·14
Hastings	*	*	*	0·0	*	Birmingham, to 9 p.m. ...	48	35	o, r, o	0·0	0·07
						Beltws-y-Coed	52	32	*	0·0	*

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

STATIONS. 20th Novr, 1903.	Temperature, F. Max.	Temperature, F. Min.	Weather.	Rain. Ins.	STATIONS.	Temperature, F. Max.	Temperature, F. Min.	Weather.	Rain. Ins.
Copenhagen	41	32	m, f	0·04	Algiers	63	50	c, o	0·04
Utrecht...	39	25	c, f	–	Tunis	72	43	m, f	0·67
Groningen	36	28	f, m	–	Madeira (Funchal)	68	54	b, c	–
Vienna	45	41	o, o	0·04	19th November.	1 p.m.	*	1 p.m.	Measured 7 a.m.
Marseilles	45	34	o, c	–	Geneva	39	*	o	0·16
Florence	54	40	r, o	0·32	Berne	34	*	o	0·08
Rome	59	47	b, o	–	Coire	36	*	o	–
Naples	60	50	c, r	0·90	Castasegna	45	*	bc	–
Palermo	67	55	r, r	–	Lugano	45	*	o	0·12
Malta	72	63	?, r	0·47	Davos	27	*	s	–

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

COUNTRIES, &c.	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles, Belgium† ...	8 a.m. (West European)	8 a.m.	6 p.m.‡ (W.E.T.)	6 p.m.
Holland	8 a.m. (" ")	8 a.m.	7 p.m. (W.E.T.)	7 p.m.
Germany, Denmark, Norway, Sweden	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
France	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.
Spain	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)	6 p.m.
Portugal	8 a.m. (Lisbon)	8.36 a.m.	3.23 p.m. (Lisbon)	4 p.m.
Azores { Ponta Delgada	6 a.m. (Local)	7.43 a.m.	9 p.m. (Local)	10.43 p.m.
Azores { Horta	6 a.m. (Local)	7.55 a.m.	9 p.m. (Local)	10.55 p.m.

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM, TO-DAY.

21st Novr, 1903.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	7.26	11.39	3.52
Greenwich	7.29	11.46	4.3
Wick	8.16	11.58	3.40
Valencia	8.12	12.27	4.42

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FORECASTS OF WEATHER for one day in advance are drawn up at the Meteorological Office at 11 a.m., and between 7 and 8 p.m. The latest forecast can be had by Reply Telegram, on paying at any Post Office in the United Kingdom **Sixpence in addition to the cost of the inquiry and reply Telegrams.** Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application to the Meteorological Office, 63, Victoria Street, S.W., either personally or by post.

† The evening observations in Belgium are not given on page 1.

‡ At Oxford the observations are taken at 8 p.m.

DAILY WEATHER REPORT

for 8 a.m. on Monday, 23rd November, 1903.

Issued by the METEOROLOGICAL OFFICE, 63, Victoria Street, London. W. N. SHAW, *Secretary.*

	STATIONS.	YESTERDAY EVENING. (See note on last page.) Barom. At 32° and M.S.L. Ins.	Temp. Dry Bulb. °	Wind. Direc.	Force (0 to 12.)	Weather	THIS MORNING. (See note on last page.) Barometer. At 32° Fahr. and M.S.L. Ins.	Change since Yesterday. Ins.	Temperature. Dry Bulb. °	Wet Bulb. °	Change since Yesterday. °	Wind. Direc.	Force (0 to 12.)	Weather	Sea (0 to 9.)	PAST 24 HOURS. Temp. Max. °	Min. °	Weather	Sunshine. Hours.	Rainfall. Ins.
SCANDINAVIA.	Haparanda ...	28.91	31	N	0	0	29.00	+.26	30	30	− 2	W	2	S	*	32	27	–	*	0.08
	Hernösand ...	29.03	30	N	0	0	29.24	+.46	33	30	+ 8	W	4	0	*	33	21	–	*	–
	Stockholm ...	29.19	27	SW	2	b	29.39	+.52	31	29	+ 7	WNW	2	b	*	34	23	–	*	–
	Wisby	29.20	36	N	6	b	29.41	+.45	38	34	+ 3	NNW	6	b	*	39	34	–	*	–
	Karlstad	29.31	29	NW	2	b	29.59	+.62	27	24	+ 4	WNW	2	b	*	*	*	–	*	–
	Færder (X'iania Fjord)	29.38	40	WNW	4	b	29.60	+.58	36	31	− 5	WNW	2	bc	2	41	36	–	*	–
	Bodö	28.84	41	SW	4	r	29.38	+.58	36	33	0	W	4	0	2	41	32	–	*	0.04
	Christiansund ...	29.34	37	W	7	s	29.46	+.45	35	33	− 2	NW	6	s	5	39	30	–	*	0.39
	Skudesnaes ...	29.61	38	NNW	4	0	29.61	+.19	39	38	+ 1	NE	2	c	3	39	34	c, o	*	*
BRITISH ISLANDS.	Sumburgh Head	29.53	36	S	1	0	29.54	−.09	42	41	+ 6	N	0	0	4	42	35	0	*	0.30
	Stornoway ...	29.71	49	WNW	7	b	29.65	−.09	48	48	+ 7	WNW	4	r	4	50	39	rg, bc	0.0	0.35
	Malin Head ...	29.98	49	WNW	7	pg	29.84	−.10	50	47	0	SW	6	op	4	51	47	c, pg	*	0.13
	Blacksod Pt. ...	30.14	49	W	5	cpm	29.93	−.22	53	51	+ 2	SW	8	ogpm	6	53	49	cpm	*	0.11
	Valencia	30.30	50	SW	4	odpm	30.16	−.17	51	50	+ 1	S	4	omd	5	52	49	opm	0.2	0.03
	Roche's Point ...	30.27	52	WSW	3	0	30.22	−.08	51	50	+ 1	WSW	3	0	2	54	49	bc, o	*	0.01
	Parsonstown ...	30.22	49	W	2	0	30.12	−.09	49	48	0	SW	2	0	*	52	45	o, r	?	0.02
	Donaghadee ...	30.05	50	WNW	2	bcp	30.00	−.03	48	46	− 2	W	4	c	3	52	46	bcp	*	0.01
	Liverpool Obsy.	30.07	50	SSE	7	0	30.12	+.05	49	45	+ 1	WSW	2	0	3	51	47	op	*	–
	Holyhead ...	30.10	52	W	3	cdp	30.13	.00	51	49	0	WSW	4	0	3	52	48	o, cdp	*	–
	Pembroke (St. Ann's)	30.23	53	W	6	c	30.24	+.01	51	50	− 1	W	6	cgpmp	5	53	49	–	0.5	0.04
	Scilly (St. Mary's)...	30.34	52	WNW	5	0	30.34	−.04	52	51	0	W	4	ompp	5	55	50	o	0.2	0.03
	Jersey (St. Aubins)...	30.37	51	W	5	c	30.38	+.03	51	50	0	W	4	op	3	56	51	bc, opmg	2.0	0.06
	Portland Bill ...	30.23	52	WNW	4	c	30.27	+.03	51	50	+ 1	WNW	5	c	4	53	49	c	*	–
	Dungeness ...	30.15	51	WNW	4	0	30.26	+.09	51	49	+ 6	WNW	4	0	3	54	44	b, op	3.4	0.02
	Wick	29.54	43	NW	5	0	29.59	−.12	47	45	+ 11	WNW	3	0	3	48	34	op	*	0.10
	Nairn	29.70	50	W	3	c	?29.69	−.08	48	46	+ 9	W	2	c	1	51	36	–	*	0.03
	Aberdeen ...	29.68	50	W	5	b	29.75	−.06	46	44	+ 8	SW	4	cm	2	51	37	r, c, b	0.3	0.03
	Leith	29.79	50	WSW	4	c	29.83	−.01	49	47	+ 5	WSW	4	0	*	52	42	–	*	–
	North Shields ...	29.85	49	W	5	c	29.95	+.05	50	47	+ 7	WSW	3	p	3	53	?43	p, c	*	–
GERMANY, &c.	Spurn Head ...	29.92	49	W	6	bc	30.04	+.07	47	46	+ 2	W	4	c	4	52	42	–	*	–
	Yarmouth ...	29.96	50	WNW	5	c	30.12	+.13	48	45	+ 7	W	4	cf	4	50	40	c	*	0.01
	Nottingham ...	30.05	52	W	1	0	30.12	+.06	48	46	+ 4	W	1	c	*	53	44	–	1.5	–
	Oxford	30.18	49	WSW	3	bc	30.21	+.03	49	47	+ 5	SW	3	c	*	53	44	d, bc	*	–
	London (Brixton)...	30.15	52	WNW	3	0	30.26	+.10	50	48	+ 5	SW	1	og	*	53	45	bc, o, b	0.0	–
	The Scaw (Skagen)	29.46	40	NW	5	b	29.65	+.55	37	32	− 4	NW	1	bc	0	43	36	–	*	–
	Fanö	29.72	43	W	6	0	29.79	+.32	47	44	+ 8	W	6	c	*	47	37	oh	*	0.16
	Cuxhaven ...	29.78	44	NW	7	0	29.91	+.31	48	47	+ 9	W	5	0	*	48	39	og	*	0.04
	The Helder ...	29.90	50	NW	5	c	30.07	+.20	50	47	+ 3	WNW	4	bc	4	50	45	–	*	0.04
	Brussels	*	*	*	*	*	30.26	+.18	48	46	+ 8	WSW	2	0	*	50	39	–	*	–
	Berlin	29.89	37	WNW	3	c	29.83	+.31	48	46	+ 12	W	5	0	*	48	34	–	*	0.12
	Frankfürt ...	30.06	45	W	4	r	30.29	+.32	49	46	+ 10	SW	4	0	*	50	39	–	*	0.12
	Munich	30.13	38	W	6	s	30.32	+.39	42	41	+ 7	SW	7	0	*	43	34	–	*	0.08
FRANCE.	C. Gris Nez ...	30.13	51	WSW	5	bc	30.24	+.03	51	49	+ 4	? W	4	0	5	55	47	–	*	–
	Brest	30.44	53	NW	3	0	30.42	.00	51	51	− 1	W	3	0	3	54	51	–	*	–
	Lorient	30.45	51	NW	4	f	30.44	+.01	54	53	0	NW	3	0	4	55	51	–	*	–
	Rochefort ...	30.43	54	NNW	3	0	30.46	+.01	52	50	− 2	WNW	3	0	*	55	48	c, *	*	0.04
	Biarritz	30.54	54	N	0	r	30.54	+.04	51	50	− 5	SE	2	b	3	?	48	–	*	0.16
	Paris	30.32	50	WSW	3	0	30.39	+.15	48	48	+ 5	SW	3	0	*	53	43	–	*	–
	Belfort	30.34	40	WSW	6	r	30.42	+.27	43	42	+ 5	SW	6	0	*	45	36	–	*	0.24
	Lyons	30.46	43	NNE	1	b	30.58	+.27	42	40	− 2	NE	1	c	*	48	26	–	*	–
	Nice	30.10	49	SE	1	b	30.27	+.47	47	42	+ 7	N	0	b	2	59	40	–	*	–
	Perpignan ...	30.38	54	NW	4	b	30.44	+.25	51	46	− 4	SW	1	b	*	58	48	–	*	–
SPAN. PEN.	Corunna																		*	
	Lisbon	30.34	64	NE	5	b	30.39	.00	51	48	0	NNE	4	b	*	68	50	–	*	–
	Azores (P. Delgada)																		*	
	,, (Horta) ...	30.06	66	S	4	0	30.08	+.03	65	64	− .1	SSE	4	f	3	66	64	–	*	–

NOTE: *The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster: the Sunshine entered to Dungeness is recorded at Littlestone-on-Sea*

* *Observations for this column not generally received.*

† *Observations received too late for insertion in Charts on next page.*

WEATHER CHARTS

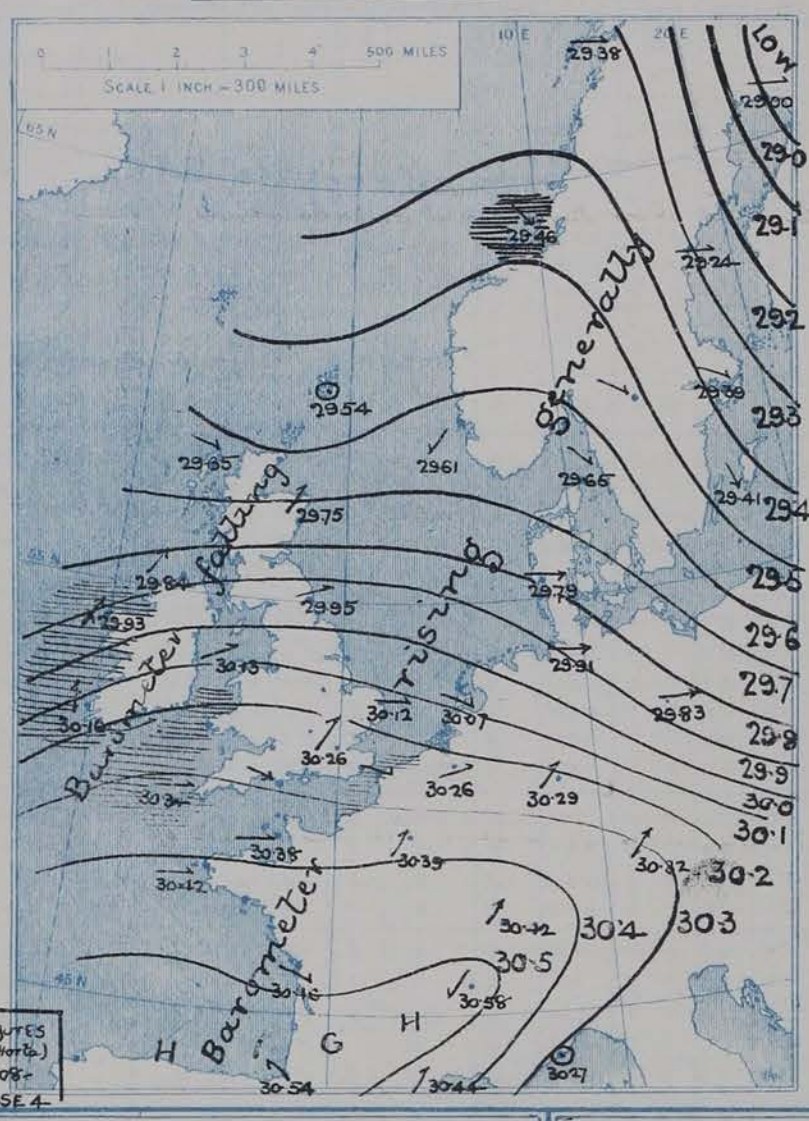
FOR Monday 23rd November, 1903.

I. BAROMETER, WIND AND SEA. *This Morning.*

BAROMETER.—Isobars are drawn for each tenth of an inch.
WIND.—Arrows show Directions and Force, flying with the wind.

Force above 10 — *Force 8 to 10* — *Force 5 to 7* — *Force 1 to 4* — Calm

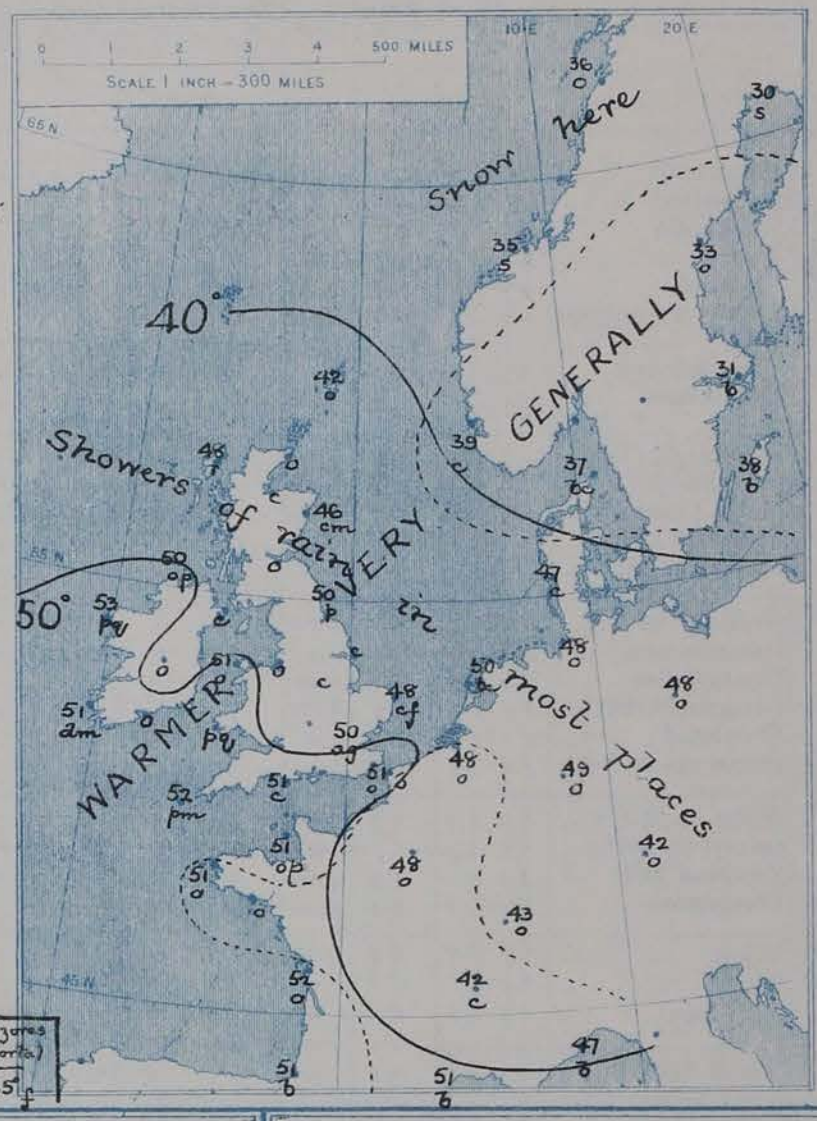
SEA.—Rough — *High*



II. TEMPERATURE AND WEATHER. *This Morning.*

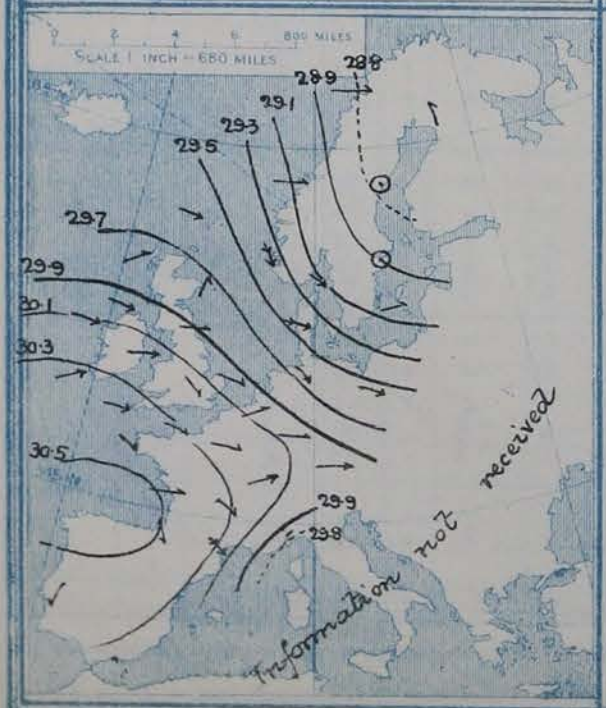
TEMPERATURE.—Isotherms are drawn for each 10°
WEATHER.—Shown by Letters of the Beaufort Scale. *(See P. 4.)*

RAINFALL.—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus - 0·6

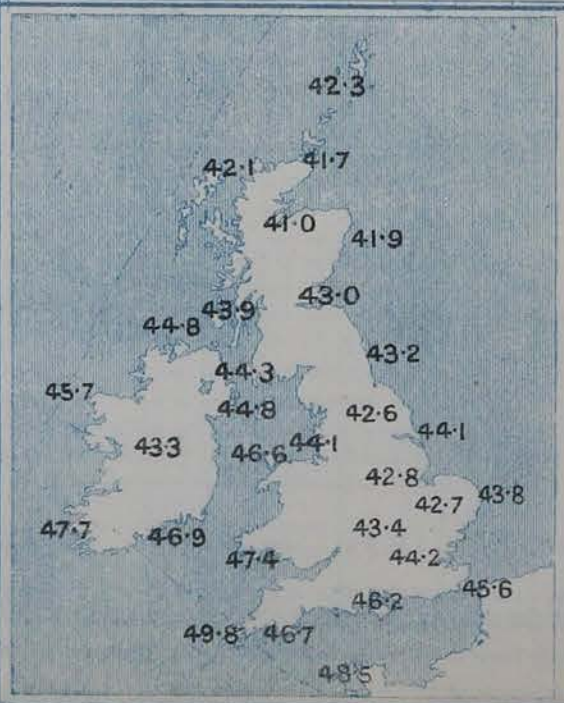


III. BAROMETER AND WIND

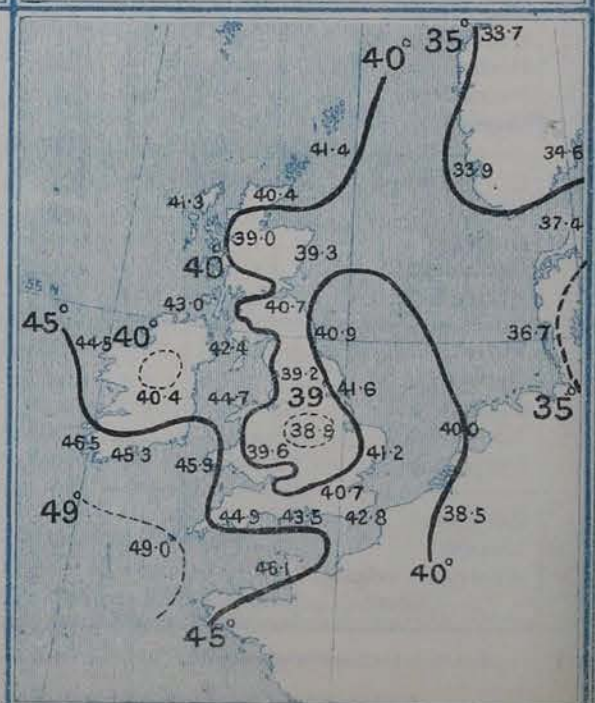
Yesterday morning.



IV. *Averages of* DAILY MAXIMUM *and* MINIMUM TEMPERATURES *combined for the month of* NOVEMBER. *(1871-1900)*



V. *Means of* DAILY TEMPERATURE *at 8 A.M. for the Two monthly period* NOVEMBER - DECEMBER *(1871-1900)*



GENERAL SITUATION AT 8 A.M.

PRESSURE

This morning's chart shows an anticyclone in which readings are over 30·5 ins. over the Bay of Biscay and the north of Spain, and two well marked low pressure areas over the north of Scandinavia and the Gulf of Genoa respectively. In the first of these, the lowest reading 28·74 ins. is reported from Haparanda, and consequently a considerable gradient still exists over northwestern Europe. It is steepest over the south of Scandinavia and the east of the North Sea, there being a difference of over 0·6 in. between the readings at Sumburgh Hd. and Christiania. At Nice the barometer stands at 29·80 ins. and there is consequently a rather steep gradient over the western Mediterranean. A fresh fall of the barometer has set in in the west of our Islands.

WIND

Strong winds from the W.wd or WNW.wd prevail over our Islands generally, and gales from the NW.wd are reported from southern Scandinavia. In the north of the latter country the wind is very light. A gale is also being experienced at Perpignan on the Mediterranean.

TEMPERATURE

WEATHER AND SEA

The weather is very unsettled. In Ireland and the west of England it is dull and showery, and in the north and west of Scotland rain, and in some cases sleet, is falling. In the southeast of England and the adjacent parts of the Continent it is fine. Temperature has fallen slightly throughout the British Isles, the changes being greatest at our east coast stations. On the Continent temperature has fallen somewhat in most places, the lowest reading reported is 23° at Karlstad in central Sweden.

During the previous 24 hours very strong winds from the northwest prevailed very generally and at many stations gales were experienced. The sea is consequently still rough on most of our coasts, though several east coast stations where the wind has moderated, report it as slight. Showers were experienced in most places; the largest rainfall in the British Isles was 0·25 in. at Stornoway. The amount of sunshine was generally small, but in the extreme southwest of England 5 hours were recorded. Temperature rose to 56° at Jersey, but at Sumburgh Head it did not exceed 37°. At the latter station the minimum reading was 30°.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

FORECASTS*

For the 24 hours ending at NOON on 23rd Novr., 1903

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	None issued.	6 SCOTLAND WEST	None issued.
1 SCOTLAND EAST		7 ENGLAND N.W.	
2 ENGLAND N.E.		8 ENGLAND S.W	
3 ENGLAND EAST		9 IRELAND NORTH	
4 MIDLAND COUNTIES		10 IRELAND SOUTH	
5 ENGLAND SOUTH		WARNINGS	The North Cone is now up on all coasts.

Note.—The **South Cone**, *point downwards* (▼), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.

The **North Cone**, *point upwards* (▲), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

* *For terms for transmission of Forecasts by Telegraph; see next page.*

ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	Yesterday 6 p.m.					This Morning 8 a.m.									Past 24 Hours.				
	Bar. Ins.	Temp. °	Wind Direct.	Wind Force	Weather.	Barometer. Ins.	Barometer. Change	Temperature Dry.	Temperature Wet.	Temperature Change	Wind Direct.	Wind Force	Weather.	Sea.	Temperature Max.	Temperature Min.	Weather	Sunshine. Hrs.	Rainfall Ins.
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	c	*	54	40	c, b, l	1·7	—
Bath	29·95	49	W	7	0	30·21	+·32	50	48	−1	W	2	bc	*	56	44	—	0·0	—

REPORTS FOR YESTERDAY.

STATIONS.	Temperture F. Max.	Temperture F. Min.	Weather.	Sunshine Hrs.	Rainfall. Ins.	STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Sunshine Hrs.	Rainfall. Ins.
Southport, to 9 p.m.... ...	51	44	c, op, cp	1·7	0·08	Broadstairs...	*	*	*		*
Rhyl, to 6 p.m....	*	*	*		*	Margate	52	*	*	1·2	*
Llandudno...	*	*	*	0·1	*	Lowestoft, to 6 p.m.... ...					
Aberystwyth, to 6 p.m. ...	50	43	c r	1·2	0·06	Skegness	*	*	*	3·3	*
Plymouth, to 9 p.m.... ...	55	50	bc	0·4	—	Scarborough, to 6 p.m. ...					
Worthing	*	*	*	2·2	*	Harrogate, to 6 p.m. ...	51	44	c, b	3·9	0·02
Brighton	*	*	*		*	Manchester, to 9 p.m. ...	53	44	org, bq	0·0	0·16
Eastbourne, to 6 p.m. ...		*	*		*	Darwen, to 9 p.m.					
Hastings		*	*	2·1	*	Birmingham, to 9 p.m. ...	53	44	o	1·9	0·03
						Bettws-y-Coed	52	*	*	0·4	*

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

STATIONS. 21st Novr. 1903.	Temperature, F. Max.	Temperature, F. Min.	Weather.	Rain. Ins.	STATIONS.	Temperature, F. Max.	Temperature, F. Min.	Weather.	Rain. Ins.
Copenhagen	41	37	r, m	0·08	Algiers	63	50	o, o	0·04
Utrecht...	46	25	o, r	0·08	Tunis	68	39	c, o	—
Groningen	45	28	o, r	0·39	Madeira (Funchal) Not recd.				
Vienna	46	32	o, o	—	20th November.	1 p.m.	*	1 p.m.	Measured 7 a.m.
Marseilles	48	34	b, c	—	Geneva	39	*	o	—
Florence	50	39	b, b	—	Berne	36	*	o	0·12
Rome	52	45	o, o	0·24	Coire	34	*	b	—
Naples	56	44	c, o	0·28	Castasegna	39	*	b	0·20
Palermo	63	46	c, c	0·43	Lugano	46	*	b	0·47
Malta	67	55	?, c	0·12	Davos	27	*	b	—

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

COUNTRIES, &c.	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles, Belgium† ...	8 a.m. (West European)	8 a.m.	6 p.m.‡ (W.E.T.)	6 p.m.
Holland	8 a.m. („ „)	8 a.m.	7 p.m. (W.E.T.)	7 p.m.
Germany, Denmark, Norway, Sweden	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
France	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.
Spain	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)	6 p.m.
Portugal	8 a.m. (Lisbon)	8.36 a.m.	3.23 p.m. (Lisbon)	4 p.m.
Azores { Ponta Delgada	6 a.m. (Local)	7.43 a.m.	9 p.m. (Local)	10.43 p.m.
Azores { Horta	6 a.m. (Local)	7.55 a.m.	9 p.m. (Local)	10.55 p.m.

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM, TO-DAY.

22nd Nov. 1903.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	7.28	11.39	3.50
Greenwich	7.31	11.46	4.1
Wick	8.18	11.58	3.38
Valencia	8.14	12.27	4.40

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„ Weekly „ „ „ £1 10 0 „ Single Copies, 6d.

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FORECASTS OF WEATHER for one day in advance are drawn up at the Meteorological Office at 11 a.m., and between 7 and 8 p.m. The latest forecast can be had by Reply Telegram, on paying at any Post Office in the United Kingdom **Sixpence in addition to the cost of the inquiry and reply Telegrams.** Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application to the Meteorological Office, 63, Victoria Street, S.W., either personally or by post.

† The evening observations in Belgium are not given on page 1.

‡ At Oxford the observations are taken at 8 p.m.

DAILY WEATHER REPORT

for 8 a.m. on Tuesday, 24th November, 1903.

Issued by the METEOROLOGICAL OFFICE, 63, Victoria Street, London. **W. N. SHAW**, *Secretary.*

	STATIONS.	YESTERDAY EVENING. (See note on last page.) Barom. At 32° and M.S.L. Ins.	Temp. Dry Bulb. °	Wind. Direc.	Wind. Force (0 to 12.)	Weather	THIS MORNING. (See note on last page.) Barometer. At 32° Fahr. and M. S. L. Ins.	Barometer. Change since Yesterday. Ins.	Temperature. Dry Bulb. °	Temperature. Wet Bulb. °	Temperature. Change since Yesterday. °	Wind. Direc.	Wind. Force (0 to 12.)	Weather	Sea (0 to 9.)	PAST 24 HOURS. Temp. Max. °	Temp. Min. °	Weather	Sunshine. Hours.	Rainfall. Ins.
SCANDINAVIA.	Haparanda ...	29.08	24	W	2	o	29.16	+.16	13	12	-17	N	o	b	*	32	13	–	*	–
	Hernösand ...	29.37	27	N	o	b	29.14	-.10	25	24	-8	N	o	o	*	34	25	–	*	–
	Stockholm ...	29.58	29	N	o	b	29.04	-.35	41	41	+10	S	4	r	*	41	27	–	*	0.08
	Wisby	29.62	40	NW	6	c	29.20	-.21	44	43	+6	W	8	o	*	44	36	–	*	0.16
	Karlstad	29.52	36	SW	2	o	29.01	-.58	45	44	+18	WSW	4	o	*	*	*	o, r	*	0.20
	Færder (X'iania Fjord)	29.48	43	S	2	r	29.13	-.47	46	39	+10	W	6	b	4	46	36	–	*	0.04
	Bodö	29.23	34	E	4	b	29.17	-.21	28	26	-8	E	3	o	2	36	27	–	*	–
	Christiansund ...	29.36	35	WNW	3	o	29.28	-.18	32	31	-3	N	o	S	4	36	30	–	*	–
	Skudesnaes ...	29.41	48	SW	8	r	29.39	-.22	40	37	+1	WNW	8	c	5	48	39	r	*	*
BRITISH ISLANDS.	Sumburgh Head	29.13	47	W	5	o	29.65	+.11	39	33	-3	WNW	5	c	6	48	37	r, o	*	0.33
	Stornoway ...	29.41	46	NW	5	o	29.90	+.25	36	35	-12	WNW	4	o	4	52	35	r	0.0	0.43
	Malin Head ...	29.51	50	SW	8	r	30.12	+.28	44	42	-6	W	6	c	5	52	42	o, r	*	0.34
	Blacksod Pt. ...	29.65	53	SW	8	rgm	30.25	+.32	45	41	-8	NNW	8	c	4	55	43	rgm	*	0.24
	Valencia	29.94	54	SW	7	odgm	30.28	+.12	47	44	-4	NE	2	o	4	55	46	odgm	0.0	0.07
	Roche's Point ...	30.01	53	SW	5	o	30.27	+.05	45	43	-6	N	1	c	1	53	44	o	*	0.03
	Parsonstown ...	29.84	52	W	5	?o	30.26	+.14	36	35	-13	N	o	b	*	54	34	org	0.0	0.11
	Donaghadee ...	29.73	53	WSW	3	rg	30.14	+.14	42	40	-6	NW	2	b	2	53	40	rg	*	0.05
	Liverpool Obsy.	29.90	52	WSW	4	c	30.15	+.03	45	40	-4	NW	3	o	3	56	45	–	*	0.05
	Holyhead ...	29.92	53	SW	7	ogm	30.15	+.02	47	42	-4	NNW	7	c	6	53	42	om, ogm	*	–
	Pembroke (St. Ann's)	30.08	53	SW	7	o	30.18	-.06	48	45	-3	NNE	4	cg	5	54	47	og	0.9	0.12
	Scilly (St. Mary's)...	30.23	53	SSW	5	opm	30.15	-.19	53	53	+1	WNW	3	r	5	54	51	opm	0.0	0.27
	Jersey (St. Aubins)...	30.36	53	SW	3	odpg	30.26	-.12	53	52	+2	WSW	4	ogp	3	54	50	om, dpg	0.0	0.02
	Portland Bill ...	30.25	52	W	5	od	30.14	-.13	52	52	+1	W	5	o	3	53	50	c, odgp	*	0.13
	Dungeness ...	30.23	51	WNW	4	d	30.13	-.13	52	52	+1	W	5	r	4	53	50	c, d	0.1	0.03
	Wick	29.31	44	NW	6	r	29.80	+.21	35	34	-12	NW	4	c	3	51	34	r, hp	*	0.12
	Nairn	29.38	50	W	4	r	29.92	+.23	36	35	-12	SW	3	b	1	51	35	–	*	0.25
	Aberdeen ...	29.44	51	SSW	4	c	29.93	+.18	38	35	-8	W	4	b	2	52	37	c, r	0.0	0.05
	Leith	29.57	51	SW	4	o	30.02	+.19	41	37	-8	WSW	2	bc	*	54	38	–	*	0.05
	North Shields ...	29.73	52	SW	3	c	30.02	+.07	39	37	-11	N	3	bm	2	56	37	o, c, r	*	0.02
	Spurn Head ...	29.92	50	SW	5	c	30.03	-.01	45	43	-2	WNW	4	c	3	53	43	–	*	–
	Yarmouth ...	30.05	52	WSW	5	bc	30.02	-.10	48	45	0	NW	4	r	4	54	45	c, bc, g	*	0.02
	Nottingham ...	29.99	53	WSW	3	o	30.10	-.02	46	41	-2	NNW	1	c	*	55	45	–	0.0	–
	Oxford	30.12	52	SW	5	o	30.15	-.06	46	45	-3	N	4	op	*	54	46	og	*	0.01
	London (Brixton)...	30.17	52	WSW	3	o	30.11	-.15	53	52	+3	WSW	2	r	*	54	49	og, og	0.3	–
GERMANY, &c.	The Scaw (Skagen)	29.58	46	W	4	o	29.23	-.42	46	42	+9	NW	6	c	2	48	36	–	*	0.24
	Fanö	29.79	48	SW	6	r	29.56	-.23	45	43	-2	WNW	8	o	*	50	45	–	*	0.24
	Cuxhaven ...	30.00	47	SW	5	o	29.69	-.22	49	48	+1	WSW	6	rg	*	50	46	–	*	0.16
	The Helder ...	30.04	50	SW	4	b	29.91	-.16	50	47	0	NW	4	o	5	54	50	–	*	–
	Brussels	*	*	*	*	*									*				*	
	Berlin	30.08	48	WSW	3	o	30.08	+.25	48	46	0	SW	5	o	*	48	46	–	*	0.24
	Frankfürt ...	30.32	50	SW	4	o	30.21	-.08	49	46	0	S	4	c	*	52	48	–	*	–
	Munich	30.44	45	SW	4	o	30.32	.00	34	33	-8	SE	4	b	*	46	32	–	*	–
FRANCE.	C. Gris Nez ...	30.22	51	SW	5	f	?30.08	-.16	52	52	+1	WSW	6	r	6	54	50	–	*	0.16
	Brest	30.38	53	SW	3	o	30.27	-.15	55	53	+4	SW	4	o	4	55	51	–	*	0.04
	Lorient	30.42	53	SW	3	f	30.32	-.12	54	54	0	W	5	o	4	55	50	–	*	0.04
	Rochefort ...	30.45	54	N	o	r	30.38	-.08	51	50	-1	W	2	o	*	57	48	o, r	*	–
	Biarritz	30.48	52	E	2	b	30.46	-.08	49	48	-2	N	o	b	2	55	45	–	*	–
	Paris	30.43	50	SW	3	o	30.33	-.06	49	47	+1	WSW	3	o	*	53	48	–	*	–
	Belfort	30.47	45	WSW	3	o	30.38	-.04	42	?	-1	WSW	4	o	*	46	41	–	*	–
	Lyons	30.54	47	N	1	o	30.50	-.08	41	40	-1	SE	1	b	*	53	39	–	*	–
	Nice	30.41	48	N	o	b	30.47	+.20	50	46	+3	ENE	2	o	4	59	45	–	*	–
	Perpignan ...	30.38	54	N	o	b	30.47	+.03	38	38	-13	N	o	b	*	66	37	–	*	–
SPAN. PEN.	Corunna																		*	
	Lisbon	30.36	56	NNE	4	b	30.50	+.11	50	47	-1	NNE	4	b	*	64	48	–	*	–
	Azores (P. Delgada)	30.24	65	SSE	5	b	30.29	+.11	65	61	0	SE	5	bc	4	70	64	–	*	–
	,, (Horta) ...	30.19	65	SSE	4	b	30.21	+.13	65	62	0	SE	4	b	3	66	64	–	*	–

NOTE: *The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster: the Sunshine entered to Dungeness is recorded at Littlestone-on-Sea.*

* *Observations for this column not generally received.*

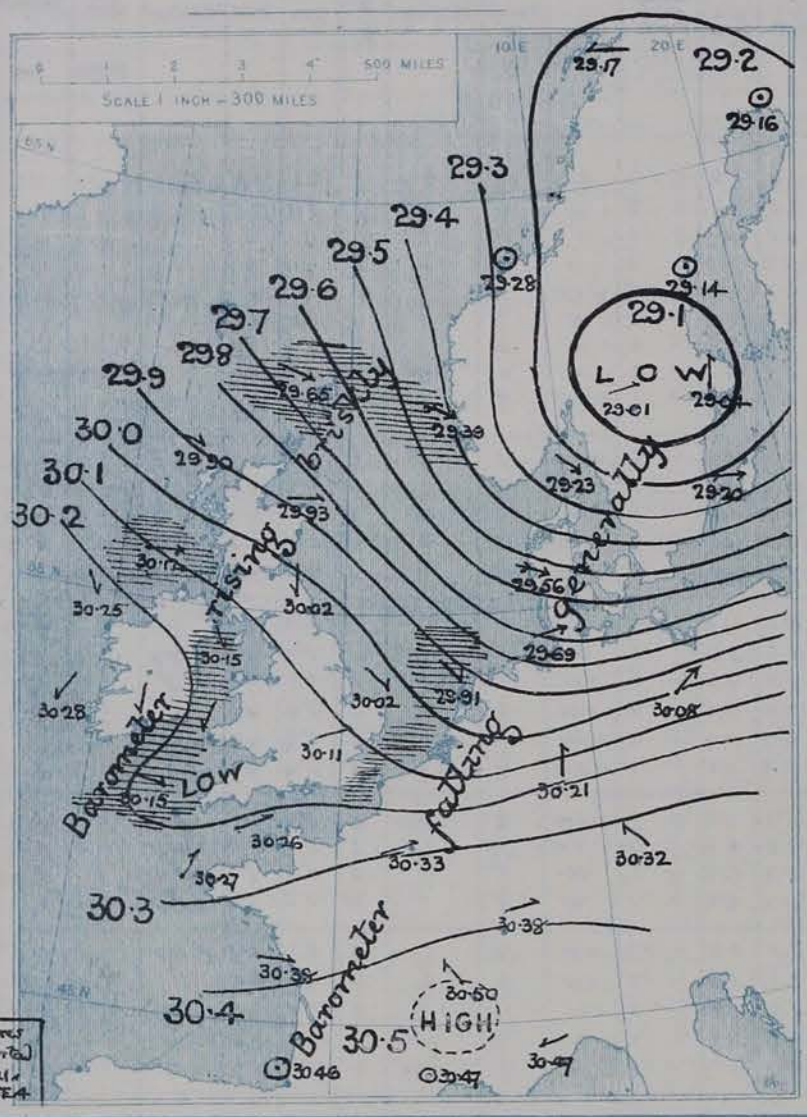
† *Observations received too late for insertion in Charts on next page.*

WEATHER CHARTS

FOR TUESDAY, 24TH NOVEMBER, 1903.

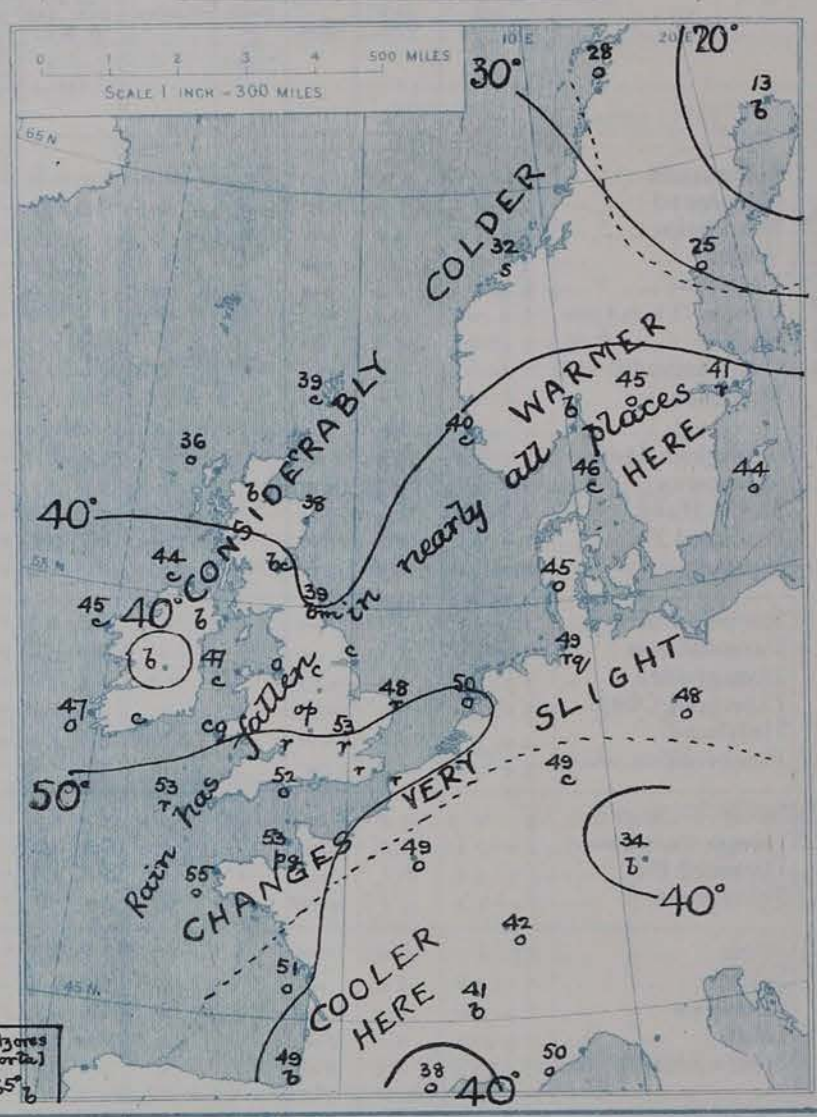
I. BAROMETER, WIND AND SEA. *This Morning.*

BAROMETER.—Isobars are drawn for each tenth of an inch.
WIND.—Arrows show Directions and Force, flying with the wind.
Force above 10 — *Force 8 to 10* — *Force 5 to 7* — *Force 1 to 4* — Calm ⊙
SEA.—Rough — *High*



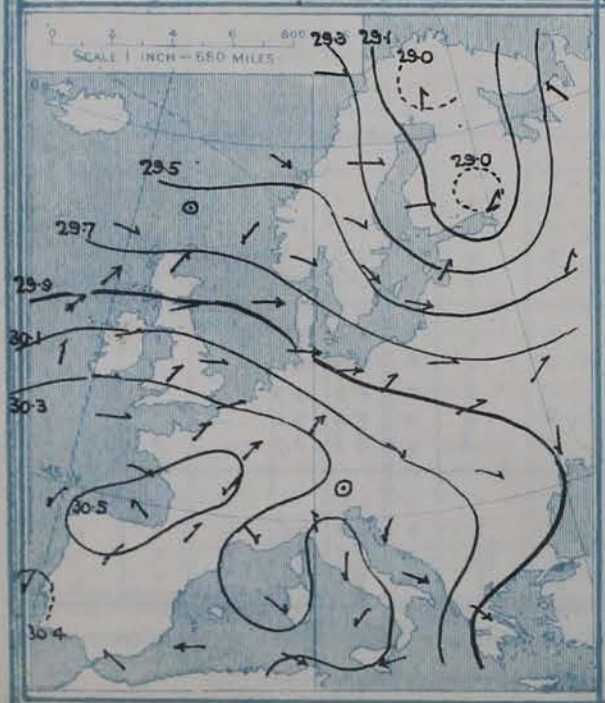
II. TEMPERATURE AND WEATHER. *This Morning.*

TEMPERATURE.—Isotherms are drawn for each 10°
WEATHER.—Shown by Letters of the Beaufort Scale. *(See P. 4.)*
RAINFALL.—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus - 0·6

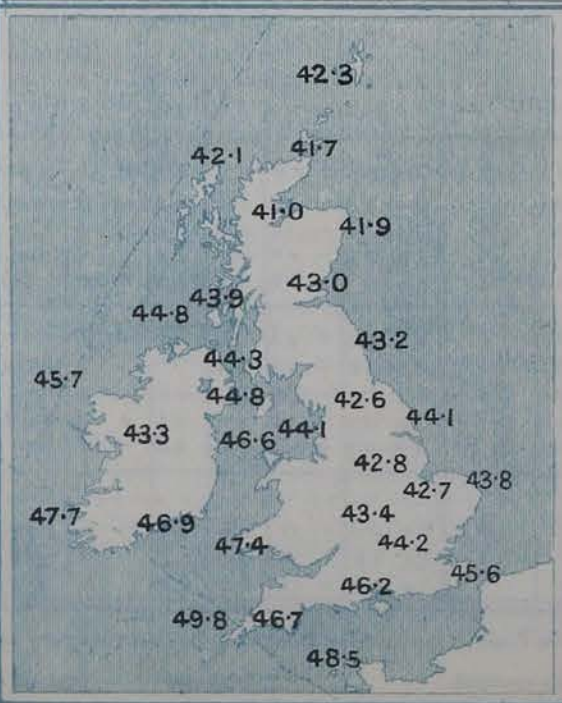


III. BAROMETER AND WIND

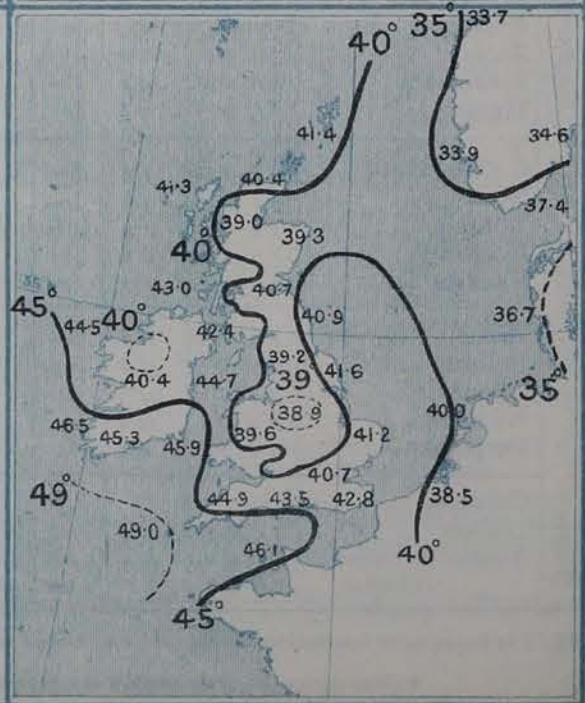
Yesterday morning.



IV. *Averages of* DAILY MAXIMUM *and* MINIMUM TEMPERATURES *combined for the month of* NOVEMBER. *(1871-1900)*



V. *Means of* DAILY TEMPERATURE *at 8 A.M. for the Two monthly period* NOVEMBER - DECEMBER *(1871-1900)*



GENERAL SITUATION AT 8 A.M.

PRESSURE

Barometric pressure now varies between 30·4 ins. to above 30·5 ins. in an anticyclone over the Bay of Biscay and the greater part of France to 29·0 ins. in the extreme north of Sweden. The mercury is rising over the major portion of our area but a rather decided fall has set in on our most western coasts. Gradients are moderate to slight generally, but are increasing again in Ireland.

WIND

The wind is W'ly. in nearly all parts of Great Britain, and blows freshly in the south and on the Welsh coast. In Ireland it has backed to SW. or S. and at Blacksod Point has increased in force to a fresh gale. Over Scandinavia and Germany strong to light breezes from between SW and NW are reported.

TEMPERATURE

Temperature is several degrees above the normal height over our Islands and their immediate neighbourhood; it ranges from 50° or a little above at most western and southern stations to 46° at Aberdeen, and to 42° at Lumburgh Head. On the Continent the values range from above 50° in the west and southwest of France and but little lower in Holland and North Germany to 30° at Haparanda and to 27° at Karlstad.

WEATHER

Much cloud prevails throughout the greater part of our area, but clear skies are reported from the south of Scandinavia and also in the south of France. Showers or steady rain are falling in various parts of the United Kingdom and snow at Christiansund and Haparanda.

AND SEA

The sea is rather rough on some exposed parts of our coasts, as well as at Christiansund and Cape Gris Nez, moderate to smooth elsewhere.

Maximum temperatures of above 50° were recorded yesterday at nearly all our stations, and the minima during the night were also high. Rain has fallen at most of our own stations and also in several continental localities, but not in large amounts. Little bright sunshine was registered generally, but Brighton had 4·1 hrs. and Eastbourne 5·0 hrs.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The fresh fall of the barometer in the west indicates the approach of a depression that will probably move eastwards or northeastwards across the northern parts of the United Kingdom. Unsettled weather, rain at times, mild temperature, and fresh to strong winds between W. and SW. or S. are therefore to be expected.

FORECASTS*

For the 24 hours ending at NOON on 24TH NOVEMBER, 1903

DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	Wind backing to SW. or S., moderate or fresh; cloudy or dull, some rain. Mild.
1 SCOTLAND EAST	
2 ENGLAND N.E.	W'ly to SW'ly or S'ly winds, light to fresh; cloudy or dull, rather damp air, some showers. Mild.
3 ENGLAND EAST	
4 MIDLAND COUNTIES	
5 ENGLAND SOUTH	
6 SCOTLAND WEST	Same as Nos. 0 and 1.
7 ENGLAND N.W.	SW'ly and S'ly winds, fresh or strong; mild, rain at times.
8 ENGLAND S.W	
9 IRELAND NORTH	
10 IRELAND SOUTH	
WARNINGS	The North Cone is still flying on all coasts except part of District 8.

Note.—The **South Cone**, *point downwards* (▼), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.) Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.

The **North Cone**, *point upwards* (▲), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.) Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

* For terms for transmission of Forecasts by Telegraph, see next page.

ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	Yesterday 6 p.m.					This Morning 8 a.m.									Past 24 Hours.				
	Bar. Ins.	Temp. °	Wind Direc.	Wind Force	Weather.	Barometer. Ins.	Barometer. Change	Temperature Dry.	Temperature Wet.	Temperature Change	Wind Direc.	Wind Force	Weather.	Sea.	Temperature Max.	Temperature Min.	Weather	Sunshine. Hrs.	Rainfall Ins.
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	0	*	51	43	c, o	0·5	–
Bath	30·20	49	W	4	0	30·24	+ ·03	50	49	0	SW	5	0	*	53	49	–	0·0	0·01

REPORTS FOR YESTERDAY.

STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Sunshine Hrs.	Rainfall. Ins.	STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Sunshine Hrs.	Rainfall. Ins.
Southport, to 9 p.m.... ...	50°	43°	cp, q, o	0·1	0·11	Broadstairs...	*	*	*		*
Rhyl, to 6 p.m....	*	*	*	0·2	*	Margate	53	43	o, b	1·5	–
Llandudno...	*	*	*	0·0	*	Lowestoft, to 6 p.m.... ...					
Aberystwyth, to 6 p.m. ...	52	45	o	0·0	–	Skegness	*	*	*		*
Plymouth, to 9 p.m.... ...						Scarborough, to 6 p.m. ...	53	*	*	0·8	*
Worthing	*	*	*	2·3	*	Harrogate, to 6 p.m. ...	51	39	bc, o	2·0	–
Brighton	54	*	*	4·1	*	Manchester, to 9 p.m. ...	51	42	ocd, pq	0·2	0·14
Eastbourne, to 6 p.m. ...	54	*	*	5·0	*	Darwen, to 9 p.m.					
Hastings	*	*	*	2·1	*	Birmingham, to 9 p.m. ...	56	43	o, r, o, c	0·3	0·04
						Beltws-y-Coed	52	46	cpd, c	0·0	*

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

STATIONS. 22nd Nov. 1903.	Temperature, F. Max.	Temperature, F. Min.	Weather.	Rain. Ins.	STATIONS.	Temperature, F. Max.	Temperature, F. Min.	Weather.	Rain. Ins.
Obsns. not received.					Obsns. not received.				
Copenhagen					Algiers		*		
Utrecht...					Tunis		*		
Groningen					Madeira (Funchal)		*		
Vienna					21st November.	1 p.m.	*	1 p.m.	Measured 7 a.m.
Marseilles					Geneva	39	*	o	0·04
Florence					Berne	36	*	o	0·04
Rome					Coire	34	*	o	0·04
Naples					Castasegna	43	*	b	–
Palermo					Lugano	46	*	b	–
Malta					Davos	28	*	s	0·08

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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British Isles, Belgium† ...	8 a.m. (West European)	8 a.m.	6 p.m.‡ (W.E.T.)	6 p.m.
Holland	8 a.m. („ „)	8 a.m.	7 p.m. (W.E.T.)	7 p.m.
Germany, Denmark, Norway, Sweden	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
France	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.
Spain	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)	6 p.m.
Portugal	8 a.m. (Lisbon)	8.36 a.m.	3.23 p.m. (Lisbon)	4 p.m.
Azores { Ponta Delgada	6 a.m. (Local)	7.43 a.m.	9 p.m. (Local)	10.43 p.m.
Azores { Horta	6 a.m. (Local)	7.55 a.m.	9 p.m. (Local)	10.55 p.m.

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM, TO-DAY.

23rd Nov. 1903.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	7.29	11.39	3.49
Greenwich	7.32	11.46	4.0
Wick	8.20	11.58	3.36
Valencia	8.15	12.27	4.39

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FORECASTS OF WEATHER for one day in advance are drawn up at the Meteorological Office at 11 a.m., and between 7 and 8 p.m. The latest forecas can be had by Reply Telegram, on paying at any Post Office in the United Kingdom **Sixpence in addition to the cost of the inquiry and reply Telegrams.** Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application to the Meteorological Office, 63, Victoria Street, S.W., either personally or by post.

† The evening observations in Belgium are not given on page 1.

‡ At Oxford the observations are taken at 8 p.m.

DAILY WEATHER REPORT

for 8 a.m. on Wednesday, 25TH NOVEMBER, 1903.

Issued by the METEOROLOGICAL OFFICE, 63, Victoria Street, London. **W. N. SHAW.** *Secretary.*

	STATIONS.	YESTERDAY EVENING. (See note on last page.) Barom. At 32° and M.S.L. Ins.	Temp. Dry Bulb. °	Wind. Direc.	Wind. Force (0 to 12.)	Weather	THIS MORNING. (See note on last page.) Barometer. At 32° Fahr. and M. S. L. Ins.	Barometer. Change since Yesterday. Ins.	Temperature. Dry Bulb. °	Temperature. Wet Bulb. °	Temperature. Change since Yesterday. °	Wind. Direc.	Wind. Force (0 to 12.)	Weather	Sea (0 to 9.)	PAST 24 HOURS. Temp. Max. °	Temp. Min. °	Weather	Sunshine. Hours.	Rainfall. Ins.
SCANDINAVIA.	Haparanda ...	29·17	10	NW	2	0	29·19	+·03	10	9	−3	W	2	0	*	25	0	—	*	—
	Hernösand ...	29·24	26	W	4	b	29·41	+·27	19	18	−6	Z	0	b	*	30	19	—	*	—
	Stockholm ...	29·41	31	WNW	6	b	29·50	+·46	29	27	−12	Z	0	bc	*	45	28	—	*	—
	Wisby	29·48	37	W	9	b	29·53	+·33	40	38	−4	W	8	c	*	46	36	—	*	—
	Karlstad	29·59	32	W	2	b	29·48	+·47	33	32	−12	W	2	b	*	*	*	—	*	—
	Færder (X'iania Fjord)	29·61	39	WNW	5	b	29·51	+·38	37	34	−9	WNW	6	b	3	46	37	—	*	—
	Bodö	29·26	30	E	4	bc	29·27	+·10	26	26	−2	E	4	s	2	?36	25	—	*	—
	Christiansund ...	29·43	32	W	5	c	29·34	+·06	32	31	0	WNW	8	s	5	34	30	—	*	0·47
	Skudesnaes ...	29·72	41	NNW	8	c	29·67	+·28	37	35	−3	NW	7	c	4	43	36	b, c	*	*
BRITISH ISLANDS.	Sumburgh Head	29·67	38	WNW	6	0	29·66	+·01	36	34	−3	WNW	4	0	5	39	34	c, 0	*	0·06
	Stornoway ...	29·95	40	NW	5	0	29·91	+·01	39	35	+3	NW	5	0	5	43	34	rq, c, 0	0·0	0·26
	Malin Head ...	30·13	46	WNW	6	cp	30·07	−·05	44	42	0	NW	7	bcqp	5	46	42	cp	*	0·16
	Blacksod Pt. ...	30·31	45	NW	4	b	30·29	+·04	45	42	0	NW	5	bc	4	48	43	c, b	*	0·05
	Valencia	30·40	46	Z	0	c	30·44	+·16	48	44	+1	W	5	op	5	49	42	c	0·0	0·03
	Roche's Point ...	30·38	44	Z	0	0	30·42	+·15	44	42	−1	W	3	bc	1	48	42	bc, 0	*	—
	Parsonstown ...	30·35	43	SW	1	c	30·33	+·07	40	39	+4	W	1	bc	*	48	32	—	2·5	—
	Donaghadee ...	30·23	43	NW	2	b	30·15	+·01	41	39	−1	WNW	3	bcp	2	46	33	—	*	—
	Liverpool Obsy.	30·27	44	WNW	4	b	30·18	+·03	44	42	−1	WNW	6	op	4	47	42	b, p	*	0·05
	Holyhead ...	30·28	46	NW	4	c	30·23	+·08	46	43	−1	WNW	7	c	5	48	42	c, q	*	—
	Pembroke (St. Ann's)	30·32	45	NNW	2	c	30·34	+·16	48	45	0	WNW	6	cgq	4	49	44	—	5·1	—
	Scilly (St. Mary's)...	30·32	51	NNE	1	0	30·40	+·25	49	45	−4	NNW	3	cp	3	55	44	opm	0·2	0·02
	Jersey (St. Aubins)...	30·33	54	NNW	3	bc	30·38	+·12	46	42	−7	NNW	4	oq	3	57	44	or, c, bc	1·5	0·24
	Portland Bill ...	30·32	45	N	1	c	30·34	+·20	45	42	−7	NW	3	b	2	53	43	c	*	—
	Dungeness ...	30·27	39	N	1	bc	30·26	+·13	34	33	−18	NNW	1	b	1	53	31	o, bc	0·0	—
	Wick	29·83	39	N	5	0	29·77	−·03	38	31	−2	NW	4	bc	2	?45	31	o, rs	*	0·35
	Nairn	29·97	39	W	3	r	29·90	−·02	34	33	−2	W	1	o	1	41	33	r, rs	*	0·19
	Aberdeen ...	29·97	39	WSW	5	b	29·91	−·02	35	34	−3	W	3	or	2	42	35	b	4·7	0·04
	Leith	30·07	41	W	2	b	29·96	−·06	40	38	−1	WSW	3	b	*	45	38	—	*	—
	North Shields ...	30·11	42	SW	3	bc	30·00	−·02	42	41	+3	WSW	3	c	2	47	37	b, bc	*	—
GERMANY, &c.	Spurn Head ...	30·18	44	W	4	b	30·08	+·05	42	41	−3	W	5	c	3	46	39	—	*	—
	Yarmouth ...	30·18	43	NW	3	cm	30·14	+·12	36	34	−12	W	4	b	3	49	34	c, cm	*	0·03
	Nottingham ...	30·25	40	WSW	1	b	30·19	+·09	40	38	−6	W	2	bcm	*	50	35	—	0·6	—
	Oxford	30·33	41	NW	2	0	30·29	+·14	35	33	−11	W	3	b	*	49	34	d, 0	*	0·02
	London (Brixton)...	30·27	43	N	1	bf	30·26	+·15	34	33	−19	N	1	bf	*	54	33	rg, om, b	0·2	0·04
	The Scaw (Skagen)	29·74	41	NW	5	b	29·63	+·40	39	36	−7	NW	5	bc	2	48	36	—	*	0·08
	Fanö	29·99	44	W	8	b	29·88	+·32	42	40	−3	WNW	4	c	*	46	39	—	*	0·08
	Cuxhaven ...	30·06	45	NW	2	b	29·97	+·28	42	41	−7	WSW	4	c	*	50	41	—	*	0·16
	The Helder ...	30·15	46	NNW	1	c	30·07	+·16	46	43	−4	WNW	3	c	3	50	45	—	*	0·04
	Brussels	*	*	*	*	*	30·24	+·09	36	35	−12	SW	1	b	*	50	36	—	*	0·32
	Berlin	30·08	42	W	3	b	30·07	−·01	35	34	−13	SW	2	b	*	50	32	—	*	0·04
	Frankfürt ...	30·19	48	SW	2	r	30·17	−·04	42	40	−7	W	2	o	*	50	41	—	*	0·16
	Munich	30·28	41	Z	0	c	30·15	−·17	42	41	+8	SW	4	r	*	57	34	—	*	0·16
FRANCE.	C. Gris Nez ...	30·21	45	NNE	3	b	30·25	+·17	43	42	−9	WNW	3	b	4	55	41	—	*	0·24
	Brest	30·33	54	N	1	0	30·44	+·17	47	45	−8	NE	1	o	2	55	45	—	*	0·12
	Lorient	30·33	54	WNW	3	c	30·38	+·06	48	48	−6	N	3	o	3	59	46	—	*	—
	Rochefort ...	30·32	55	?SW	2	r	30·29	−·09	54	53	+3	NW	3	o	*	55	50	o, r	*	0·04
	Biarritz	30·50	59	W	4	0	30·43	−·03	55	55	+6	WSW	4	o	2	59	49	—	*	—
	Paris	30·25	50	SW	2	r	30·30	−·03	42	39	−7	N	1	o	*	51	41	—	*	0·16
	Belfort	30·32	42	WSW	4	r	?30·15	−·23	44	44	+2	WSW	4	r	*	46	41	—	*	0·51
	Lyons	30·43	46	NNW	1	b	30·28	−·22	44	43	+3	ESE	1	o	*	51	39	—	*	—
	Nice	30·37	51	Z	0	0	30·15	−·32	46	43	−4	Z	0	bc	1	59	43	—	*	—
	Perpignan ...	30·43	46	Z	0	b	30·33	−·14	54	48	+16	SW	1	c	*	59	38	—	*	—
SPAN. PEN.	Corunna																		*	
	Lisbon	30·43	58	N	4	b	30·45	−·05	50	47	0	NNE	2	b	*	63	48	—	*	—
	Azores (P. Delgada)	30·36	65	SE	5	b	30·36	+·07	63	59	−2	E	4	b	4	70	61	—	*	—
	„ (Horta) ...	30·29	65	SE	6	b	30·30	+·09	65	60	0	SE	5	b	3	66	64	—	*	—

NOTE: *The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster: the Sunshine entered to Dungeness is recorded at Littlestone-on-Sea.*

* *Observations for this column not generally received.*

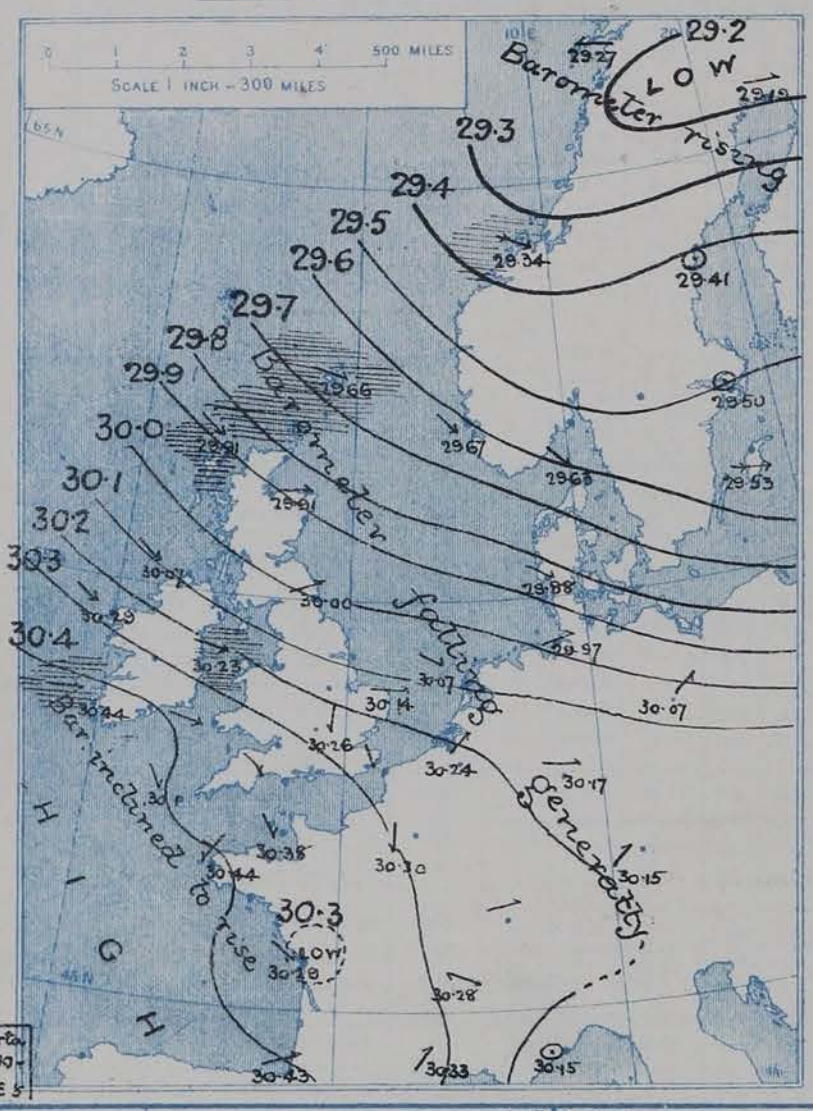
† *Observations received too late for insertion in Charts on next page.*

WEATHER CHARTS

FOR WEDNESDAY 25TH NOVEMBER, *1903.*

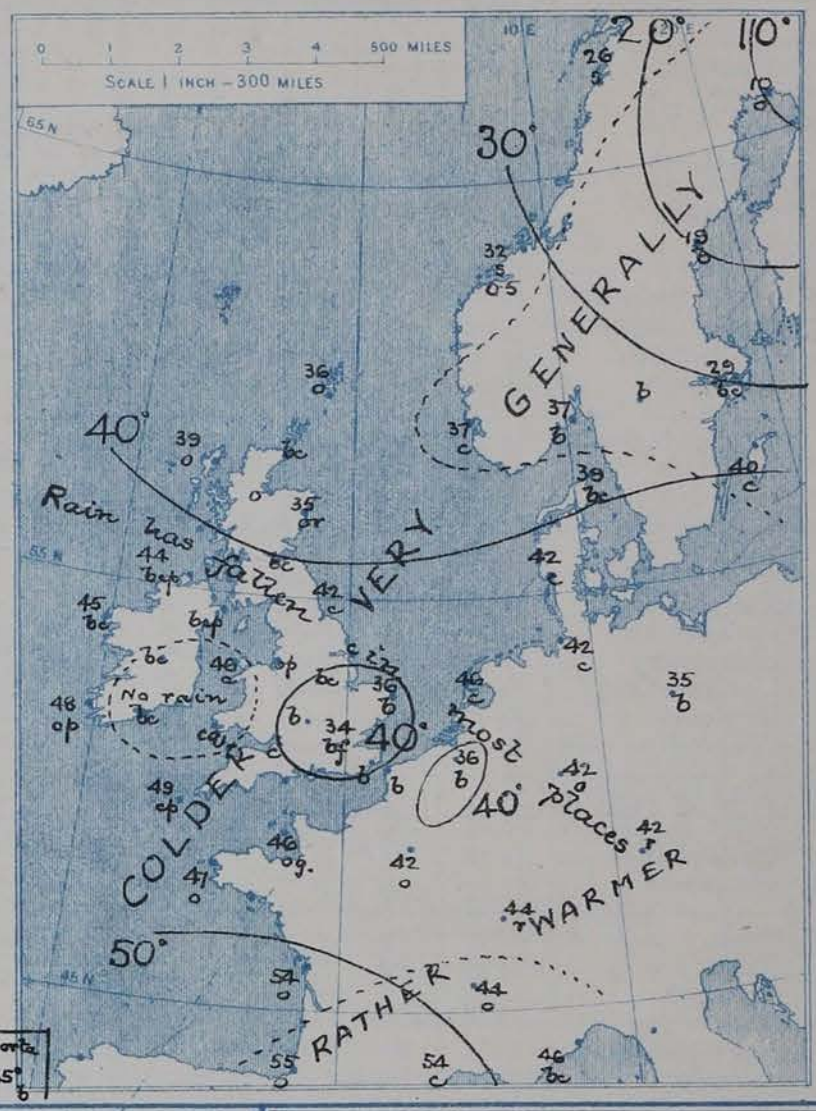
I. BAROMETER, WIND AND SEA. *This Morning.*

BAROMETER.—Isobars are drawn for each tenth of an inch.
WIND.—Arrows show Directions and Force, flying with the wind.
Force above 10 — *Force 8 to 10* — *Force 5 to 7* — *Force 1 to 4* — Calm
SEA.—Rough — *High*



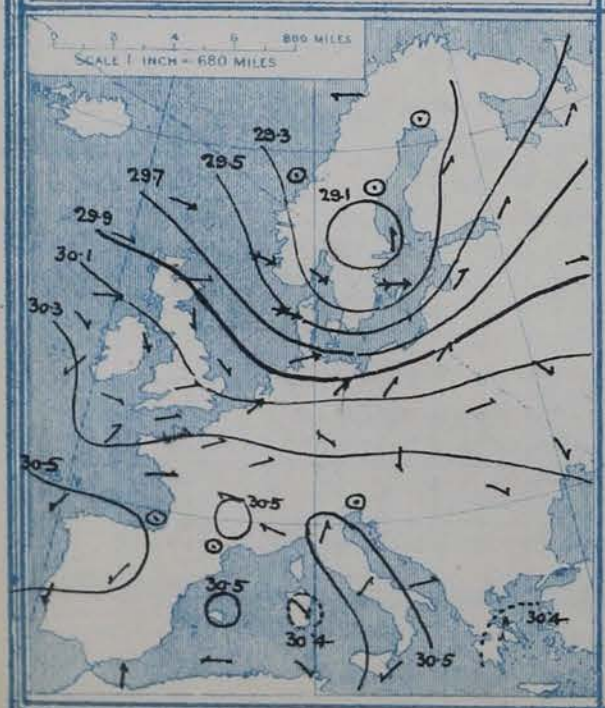
II. TEMPERATURE AND WEATHER. *This Morning.*

TEMPERATURE.—Isotherms are drawn for each 10°.
WEATHER.—Shown by Letters of the Beaufort Scale. *(See P. 4.)*
RAINFALL.—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus - 0·6

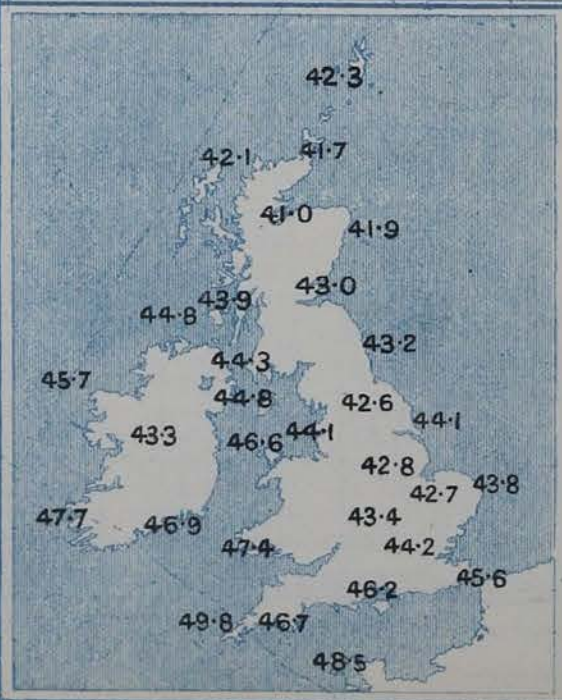


III. BAROMETER AND WIND

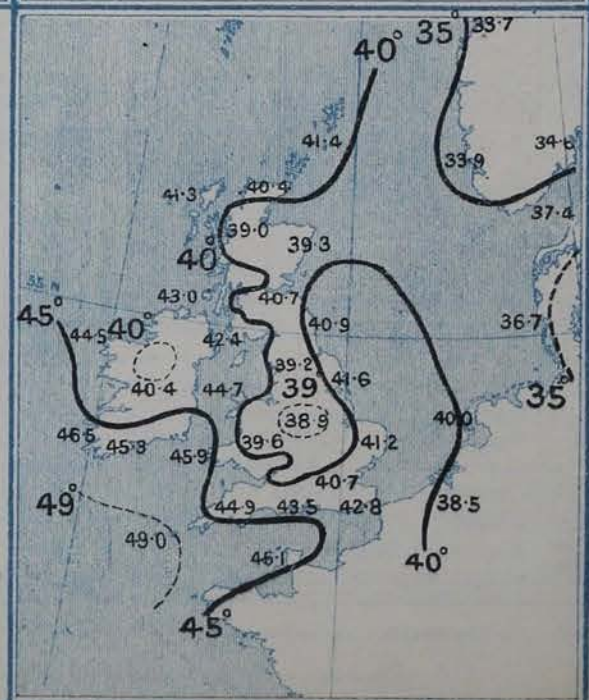
Yesterday morning.



IV. *Averages of* DAILY MAXIMUM *and* MINIMUM TEMPERATURES *combined for the month of* NOVEMBER. *(1871-1900)*



V. *Means of* DAILY TEMPERATURE *at 8 A.M. for the Two monthly period* NOVEMBER - DECEMBER *(1871-1900)*



GENERAL SITUATION AT 8 A.M.

PRESSURE

During the past 24 hours a large and deep depression has reached central Scandinavia from the westward, and during the night a secondary disturbance appears to have passed very quickly from west to east across the United Kingdom, while there is now another secondary shown over our most southwestern counties. Pressure at present ranges from above 30·4 ins. over the southern half of France to 29·90 ins. in the Hebrides and to about 29·0 ins. near Karlstad. Gradients are still steep over the North Sea, Germany, Denmark, and the Baltic.

WIND

The wind shows a complete circulation around the Scandinavian baric minimum; the Easterly winds to the north of the centre are only light in force, but the Westerly current over the south of Norway, the Baltic, and the surrounding countries is strong to a gale. Over our Islands the wind varies between N. and W. and has not, as a rule, much force except at some southern and northwestern stations.

TEMPERATURE

Temperature has fallen quickly generally, but has changed little or risen somewhat over France and the south of England, and risen quickly in the south of Scandinavia. Over the United Kingdom the readings range from 53° at Bath and in London to 36° at Parsonstown, and to 35° at Wick, while those on the Continent range from 54° at Lorient to 34° at Munich, and from 49° at Cuxhaven to 25° at Hernösand and to 13° at Haparanda.

WEATHER AND SEA

The sky has cleared at most of our western and northern stations, but remains cloudy or overcast generally. Showers or steady rain are reported from our southern and southeastern counties, the north coast of France and at Cuxhaven and Stockholm, while at Christiansund snow is falling. The sea is rather rough on many parts of our coasts.

Since yesterday rain has fallen in all parts of our area except the southern regions of France and Germany, but not in large amounts. Temperature exceeded 50° yesterday at all our own stations excepting Lumbergh Head; at Shields and Liverpool the thermometer rose to 56°. Moderate to strong gales were experienced during the latter part of the day or in the night in many parts of the Kingdom. Very little or no bright sunshine was recorded generally, but Skegness had 4·2 hrs. and Birmingham 3·0 hrs.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

It appears probable that an anticyclonic "ridge" is about to pass over the Kingdom from the westward and cause a temporary improvement in the weather, with lower temperatures. Some slight irregularities of pressure may, however, be accompanied by showers locally in the north and east, and the secondary disturbance near Scilly by rain.

FORECASTS*

For the 24 hours ending at NOON on 25th NOVEMBER, 1903

DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH; 1 SCOTLAND EAST; 2 ENGLAND N.E.	NW^ly or N^ly winds, decreasing in force and backing later; fair and cool generally, but some showers. Frost at night.
3 ENGLAND EAST; 4 MIDLAND COUNTIES; 5 ENGLAND SOUTH	Light to fresh winds between N. and W; dull and rainy, then improving. Becoming colder.
6 SCOTLAND WEST	Same as Nos. 0 to 2.
7 ENGLAND N.W.; 8 ENGLAND S.W	N^ly or NW^ly to W^ly winds; cooler, becoming fair temporarily.
9 IRELAND NORTH; 10 IRELAND SOUTH	N^ly to NW^ly or W^ly winds; fair and cool, then less settled.
WARNINGS	At 0.55 pm yesterday to Dists. 6.7.9.10 and part of 0; at 3.45 pm. to 1 and the remainder of 0; at 7 pm to Dist. 8; and at 7·30 pm. to Dist. 2. "HOIST SOUTH CONE". At 11 am today to Dists. 1 and 2. "LOWER CONE".

Note.—The **South Cone**, *point downwards* (▼), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.

The **North Cone**, *point upwards* (▲), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

* *For terms for transmission of Forecasts by Telegraph; see next page.*

ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	Yesterday 6 p.m.					This Morning 8 a.m.									Past 24 Hours.				
	Bar. Ins.	Temp. °	Wind Direc.	Wind Force	Weather.	Barometer. Ins.	Barometer. Change.	Temperature Dry.	Temperature Wet.	Temperature Change	Wind Direc.	Wind Force	Weather.	Sea.	Temperature Max.	Temperature Min.	Weather	Sunshine. Hrs.	Rainfall Ins.
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	c	*	52	47	c, o g	0·7	–
Bath	30·13	53	W	5	o	30·12	– ·12	53	52	+ 3	W	2	r	*	54	50	–	0·0	0·10

REPORTS FOR YESTERDAY.

STATIONS.	Temperture F. Max.	Temperture F. Min.	Weather.	Sunshine Hrs.	Rainfall. Ins.	STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Sunshine Hrs.	Rainfall. Ins.
	°	°					°	°			
Southport, to 9 p.m.... ...	53	47	cp, c, q, op	1·3	0·06	Broadstairs...	*	*	*		*
Rhyl, to 6 p.m.	*	*	*	1·7	*	Margate	56	43	c, b	0·3	–
Llandudno...	*	*	*	1·3	*	Lowestoft, to 6 p.m.... ...					
Bettws-y-Coed, to 6 p.m. ...	52	47	*	0·0	*	Skegness	*	*	*	4·2	*
Aberystwyth, to 6 p.m. ...	52	48	o r	0·0	0·05	Scarborough, to 6 p.m. ...	52	*	*	0·0	*
Plymouth, to 9 p.m.... ...	53	48	o, op, opq	0·0	0·03	Harrogate, to 6 p.m. ...	51	45	o d, c	0·3	0·02
Worthing	*	*	*	0·0	*	Manchester, to 9 p.m. ...	54	46	og, bc, og	1·8	0·01
Brighton	51	*	*	0·0	*	Darwen, to 9 p.m.	50	44	or, c, or, om	1·5	0·16
Eastbourne, to 6 p.m. ...	53	*	*	0·1	*	Birmingham, to 9 p.m. ...	53	46	c	3·0	–
Hastings	*	*	*	0·0	*						

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

STATIONS. 23rd Nov. 1903.	Temperature, F. Max.	Temperature, F. Min.	Weather.	Rain. Ins.	STATIONS.	Temperature, F. Max.	Temperature, F. Min.	Weather.	Rain. Ins.
Copenhagen	41	37	c, m	–	Algiers	66	55	c, o	0·08
Utrecht...	50	41	o, o	0·08	Tunis	63	37	c, o	–
Groningen	48	39	o, o	0·04	Madeira (Funchal) Not recd.				
Vienna	50	37	o, r	0·28	22nd Novr. not received.	1 p.m.	*	1 p.m.	Measured 7 a.m.
Marseilles	57	45	b, b	–	Geneva		*		
Florence	57	52	b, b	–	Berne		*		
Rome	58	39	b, b	–	Coire		*		
Naples	56	45	m, b	0·04	Castasegna		*		
Palermo	66	46	bc, b	–	Lugano		*		
Malta	64	55	?, o	–	Davos		*		

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

COUNTRIES, &c.	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles, Belgium† ...	8 a.m. (West European)	8 a.m.	6 p.m.‡ (W.E.T.)	6 p.m.
Holland	8 a.m. (" ")	8 a.m.	7 p.m. (W.E.T.)	7 p.m.
Germany, Denmark, Norway, Sweden	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
France	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.
Spain	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)	6 p.m.
Portugal	8 a.m. (Lisbon)	8.36 a.m.	3.23 p.m. (Lisbon)	4 p.m.
Azores { Ponta Delgada	6 a.m. (Local)	7.43 a.m.	9 p.m. (Local)	10.43 p.m.
Azores { Horta	6 a.m. (Local)	7.55 a.m.	9 p.m. (Local)	10.55 p.m.

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM, TO-DAY.

24th Nov. 1903.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	7.31	11.40	3.48
Greenwich	7.34	11.47	3.59
Wick	8.22	11.59	3.35
Valencia	8.17	12.28	4.38

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† The evening observations in Belgium are not given on page 1.

‡ At Oxford the observations are taken at 8 p.m.

DAILY WEATHER REPORT

for 8 a.m. on Thursday, 26TH NOVEMBER, 1903.

Issued by the METEOROLOGICAL OFFICE, 63, *Victoria Street, London.* W. N. SHAW, *Secretary.*

	STATIONS.	YESTERDAY EVENING. (See note on last page.) Barom. At 32° and M.S.L. Ins.	Temp. Dry Bulb. °	Wind. Direc.	Wind. Force (0 to 12.)	Weather	THIS MORNING. (See note on last page.) Barometer. At 32° Fahr. and M.S.L. Ins.	Change since Yesterday. Ins.	Temperature. Dry Bulb. °	Wet Bulb. °	Change since Yesterday. °	Wind. Direc.	Wind. Force (0 to 12.)	Weather.	Sea (0 to 9.)	PAST 24 HOURS. Temp. Max. °	Temp. Min. °	Weather	Sunshine. Hours.	Rainfall. Ins.
SCANDINAVIA.	Haparanda ...	29.33	1	W	2	b	29.51	+.32	-3	-4	-13	N	2	f	*	21	-3	—	*	—
	Hernösand ...	29.46	12	Z	0	bc	29.50	+.09	19	19	0	Z	0	0	*	28	10	—	*	—
	Stockholm ...	29.50	28	Z	0	b	29.48	-.02	20	18	-9	NNW	2	0	*	32	20	—	*	—
	Wisby	29.50	39	W	8	0	29.33	-.20	35	32	-5	NNE	6	0	*	45	34	—	*	0.04
	Karlstad	29.48	28	NW	2	b	29.58	+.10	20	18	-13	NW	2	b	*	*	*	—	*	—
	Færder (X'tania Fjord)	29.53	34	NNW	4	b	29.59	+.08	30	26	-7	NE	4	b	2	39	30	—	*	—
	Bodö	29.32	28	E	4	c	29.39	+.12	24	23	-2	E	2	S	2	28	21	—	*	—
	Christiansund ...	29.51	29	W	6	S	29.56	+.12	31	27	-1	NW	6	S	6	32	27	—	*	0.16
	Skudesnaes ...	29.58	32	SSE	4	c	29.53	-.14	32	32	-5	SE	6	S	4	37	30	0, c	*	*
BRITISH ISLANDS.	Sumburgh Head	29.56	35	NW	4	0	29.73	+.07	30	28	-6	N	6	cpz	6	37	30	c, 0	*	0.02
	Stornoway ...	29.80	39	NNW	6	a	29.95	+.04	35	33	-4	NNW	5	crshq	5	40	32	rsp, 0	0.1	0.23
	Malin Head ...	30.03	41	NW	8	bchq	30.06	-.01	43	41	-1	NW	7	cqp	5	45	38	bchq	*	0.15
	Blacksod Pt. ...	30.28	45	NW	6	cqp	30.26	-.03	46	43	+1	WNW	5	bc	4	47	44	cqp	*	0.11
	Valencia	30.43	48	W	5	b	30.38	-.06	49	45	+1	W	5	0	5	50	45	chp, b	2.2	0.04
	Roche's Point ...	30.38	47	NW	3	cp	30.35	-.07	47	45	+3	WNW	3	0	1	48	43	c, cp	*	0.02
	Parsonstown ...	30.29	43	NW	4	b	30.29	-.04	40	39	0	W	3	b	*	47	38	b, p	3.7	0.01
	Donaghadee ...	30.07	41	WNW	6	oqp	30.10	-.05	41	39	0	WNW	5	oq	4	45	38	oqp, l	*	0.08
	Liverpool Obsy.	30.08	43	WNW	7	r	30.11	-.07	42	39	-2	WNW	7	bc	5	46	42	prtu	*	0.07
	Holyhead ...	30.14	46	WNW	8	cqp	30.16	-.07	45	42	-1	WNW	8	c	6	?48	42	cqp	*	—
	Pembroke (St. Ann's)	30.27	48	WNW	6	c	30.28	-.06	47	44	-1	NW	6	c	5	50	45	c, q	2.1	—
	Scilly (St. Mary's)...	30.42	50	NW	6	c	30.37	-.03	50	46	+1	NW	5	c	3	53	45	c	2.6	—
	Jersey (St. Aubins)...	30.38	48	WNW	4	oqp	30.34	-.04	48	44	+2	WNW	4	cq	3	52	45	bc, oqp	1.9	0.07
	Portland Bill ...	30.26	48	WNW	6	c	30.22	-.12	47	44	+2	NW	6	c	4	48	44	c, cp	*	0.02
	Dungeness ...	30.17	44	WNW	3	b	30.13	-.13	41	39	+7	WNW	5	c	4	48	32	b	5.6	—
	Wick	29.59	35	N	4	c	29.80	+.03	33	31	0	N	3	c	2	40	28	s	*	0.60
	Nairn	29.75	35	NNW	6	s	29.91	+.01	32	31	-2	WNW	4	0	3	37	30	s	*	0.15
	Aberdeen ...	29.72	37	W	5	b	29.89	-.02	31	31	-4	WNW	6	bc	3	38	31	o, b, oqs	2.0	0.15
	Leith	29.86	39	WSW	2	bc	29.98	+.02	35	33	-5	W	3	b	*	44	33	—	*	—
	North Shields ...	29.85	41	SW	2	bc	29.95	-.05	35	33	-7	W	3	c	2	44	33	0, bc	*	—
	Spurn Head ...	29.94	42	W	6	bc	29.93	-.15	41	40	-1	WNW	7	bc	5	46	39	bc, q	*	—
	Yarmouth ...	30.00	42	WNW	5	rq	29.94	-.20	39	36	+3	WNW	5	bc	4	45	35	b, rq	*	0.21
	Nottingham ...	30.07	43	WNW	2	bc	30.05	-.14	39	38	-1	WNW	2	r	*	47	38	bc, cp	1.0	0.10
	Oxford	30.15	43	WNW	3	b	30.16	-.13	40	38	+5	WSW	3	c	*	47	35	b, q	*	—
	London (Brixton)...	30.16	44	NW	3	b	30.13	-.13	40	38	+6	NW	2	b	*	47	34	bm, b	2.0	—
GERMANY, &c.	The Scaw (Skagen)	29.54	37	NNW	1	c	29.57	-.06	33	29	-6	E	3	bc	1	41	32	—	*	0.04
	Fanö	29.69	37	WNW	4	b	29.53	-.35	34	33	-8	NNW	2	0	*	43	34	b, qtu	*	0.47
	Cuxhaven ...	29.77	50	SW	4	r	29.52	-.45	39	38	-3	NNW	4	0	*	50	36	blz, hq	*	0.47
	The Helder ...	29.90	46	NW	5	c	29.76	-.31	41	39	-5	NW	7	0	6	46	34	—	*	0.28
	Brussels	*	*	*	*	*	30.02	-.22	39	37	+3	WSW	5	b	*	45	35	—	*	0.04
	Berlin	29.89	40	SSW	1	0	29.65	-.42	35	34	0	SSW	2	3	*	43	34	—	*	0.04
	Frankfürt ...	30.11	42	W	3	0	29.93	-.24	41	38	-1	SW	3	0	*	46	39	—	*	0.04
	Munich	30.16	36	W	5	0	30.04	-.11	36	33	-6	W	7	0	*	45	34	—	*	0.32
FRANCE.	C. Gris Nez ...	30.13	47	W	6	b	30.12	-.13	44	38	+1	W	6	c	6	54	41	—	*	—
	Brest	30.45	50	NW	3	c	30.40	-.04	50	46	+3	NNW	3	0	3	54	47	—	*	—
	Lorient	30.45	48	N	3	0	30.41	+.03	49	48	+1	NW	4	c	4	57	46	—	*	—
	Rochefort ...	?30.46	49	N	4	0	?30.46	+.17	50	48	-4	WNW	2	c	*	54	46	b, 0	*	—
	Biarritz	30.41	55	NE	3	0	30.49	+.06	48	46	-7	ESE	2	0	2	57	46	—	*	0.16
	Paris	30.30	41	WSW	2	b	30.22	-.08	41	40	-1	WSW	2	0	*	48	40	—	*	0.04
	Belfort	30.25	38	SW	5	bc	30.30	+.15	35	35	-9	WSW	6	r	*	45	32	—	*	0.24
	Lyons	30.36	41	NNW	2	0	30.38	+.10	39	37	-5	NW	1	c	*	50	?	—	*	0.12
	Nice	29.95	48	Z	0	b	29.92	-.23	46	40	0	ENE	3	b	2	52	43	—	*	—
	Perpignan ...	30.24	57	NW	3	b	30.34	+.01	47	40	-7	NW	5	b	*	65	46	—	*	—
SPAN. PEN.	Corunna																		*	
	Lisbon	30.34	56	Z	0	b	30.34	-.11	53	50	+3	NNE	5	b	*	63	50	—	*	—
	Azores (P. Delgada)																		*	
	" (Horta) ...	30.36	66	SE	5	b	30.40	+.10	64	61	-1	SE	4	bc	3	66	63	—	*	—

NOTE *The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster: the Sunshine entered to Dungeness is recorded at Littlestone-on-Sea.*

* *Observations for this column not generally received.*

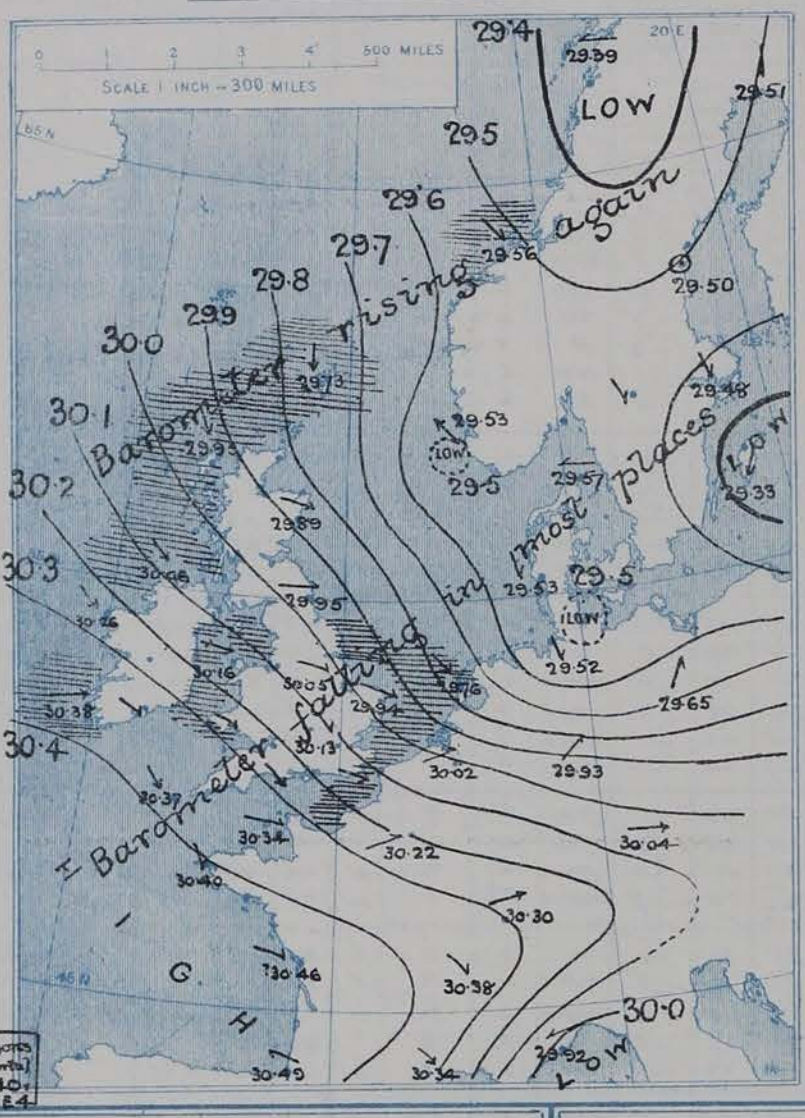
† *Observations received too late for insertion in Charts on next page.*

WEATHER CHARTS

FOR THURSDAY, 26TH NOVEMBER, *1903.*

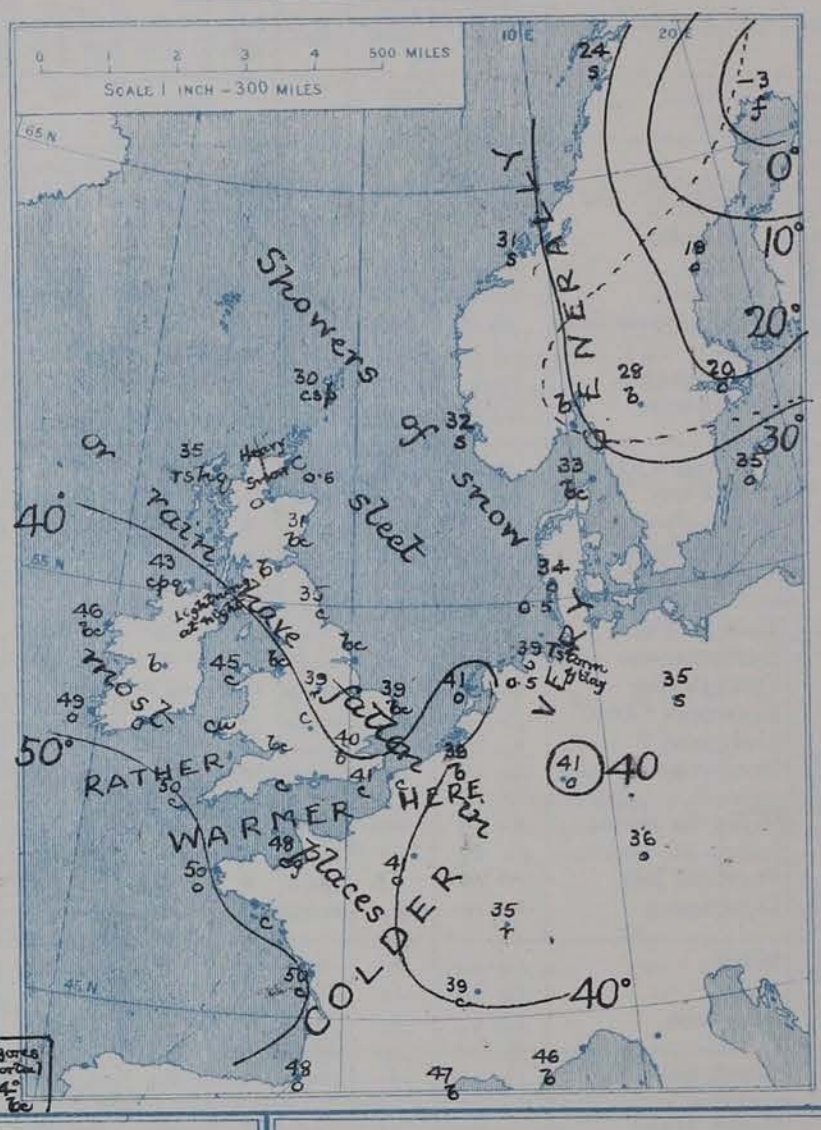
I. BAROMETER, WIND AND SEA. *This Morning.*

BAROMETER.—Isobars are drawn for each tenth of an inch.
WIND.—Arrows show Directions and Force, flying with the wind.
Force above 10 ⟶ ; *Force 8 to 10* ⟶ ; *Force 5 to 7* ⟶ ; *Force 1 to 4* ⟶ ; } Calm ⊙
SEA.—Rough ▒ *High* ▓



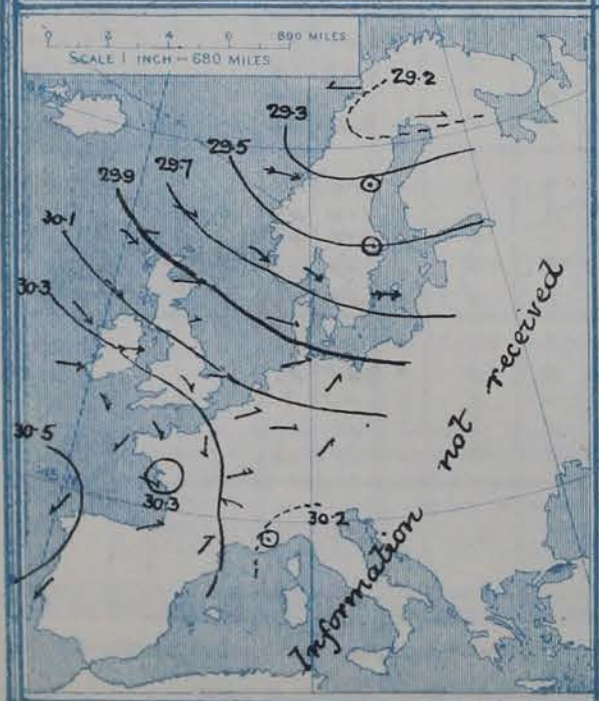
II. TEMPERATURE AND WEATHER. *This Morning.*

TEMPERATURE.—Isotherms are drawn for each 10°.
WEATHER.—Shown by Letters of the Beaufort Scale. *(See P. 4.)*
RAINFALL.—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus – 0·6

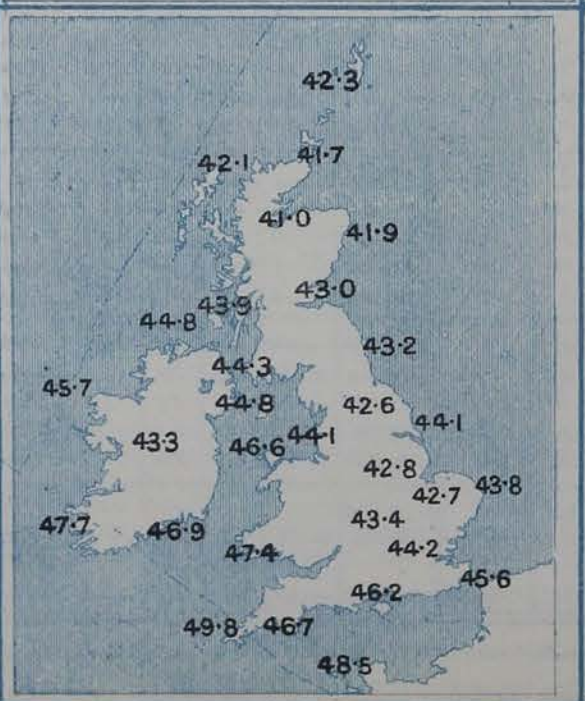


III. BAROMETER AND WIND

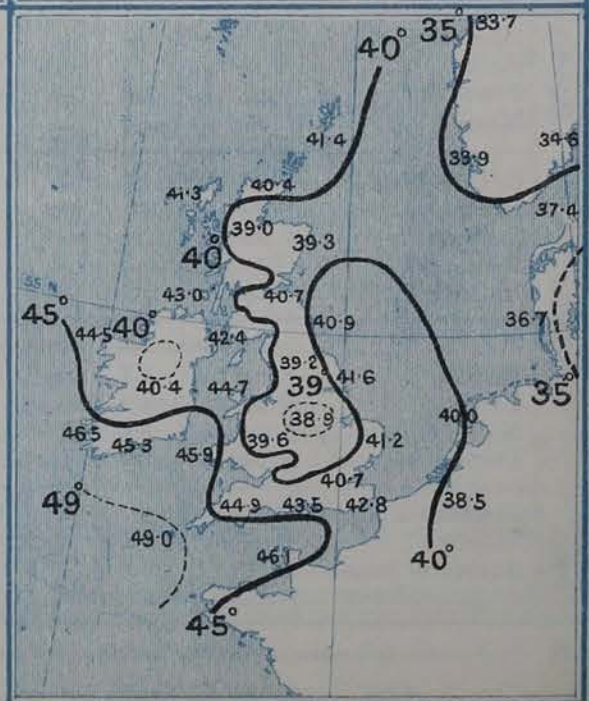
Yesterday morning.



IV. *Averages of* DAILY MAXIMUM *and* MINIMUM TEMPERATURES *combined for the month of* NOVEMBER. *(1871-1900)*



V. *Means of* DAILY TEMPERATURE *at 8 A.M. for the Two monthly period* NOVEMBER – DECEMBER *(1871-1900)*



GENERAL SITUATION AT 8 A.M.

PRESSURE

Barometric pressure has increased since yesterday in most parts of our area, but decreased in Scotland, France, and South Germany. It now ranges from above 30·4 ins. in an anticyclone stretching from the Atlantic to our South-west coasts and the Bay of Biscay, to below 29·2 ins. in a depression in the extreme north of Scandinavia. Some ill-defined secondary disturbances are shown over our northern districts, and a small system over the West of France.

WIND TEMPERATURE WEATHER AND SEA

The wind, excepting for a few local variations, is north-westerly or westerly throughout the whole of our area; in force it is light or moderate generally, but blows strongly or with the strength of a fresh gale in several parts of Scandinavia, while on the coasts of Wales and in the north of Ireland there is a strong breeze to moderate gale. Temperature has fallen in nearly all places – as much as 17° at Bath, 18° at Dungeness, and 19° in London. It is below the mean in most parts of our Islands, ranging from 33° at Wick and 34° at Nairn, Dungeness, and in London, to 48° or 49° at our most South-western stations. On the Continent the readings range from 10° at Haparanda to 40° at Wisby and from 35° at Berlin to 55° at Biarritz. The weather is fair in most places, but a good deal of cloud prevails locally, showers at some of our western and northern stations, steady rain at Belfort and Munich, and snow in the west and north west of Norway. The sea is rather rough in the North and on some parts of our western coasts, moderate to smooth elsewhere

The highest temperatures recorded over the United Kingdom yesterday were 57° at Jersey, 55° at Scilly, and 54° in London. Slight frost was experienced in several places during the night; in London and at Oxford the respective minimum readings on the grass were 24° and 25°. Rain has fallen during the past 24 hours in most parts of Western Europe; in the north of Scotland a considerable fall of sleet has occurred. Scarcely any bright sunshine was recorded yesterday in the South, but in Scotland and the northern counties of England and Wales there were between 4 and 6 hours.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

There is no indication of any immediate change in the distribution of pressure now prevailing. Fair, cool weather is, therefore probable over the Kingdom generally, but the secondary disturbances in the North are likely to travel South-eastward and to be accompanied by some showers and a good deal of cloud.

FORECASTS*

For the 24 hours ending at NOON on 26th November 1903

DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH 1 SCOTLAND EAST	Wind chiefly NWly, moderate or fresh; cold, changeable, some showers of rain or sleet.
2 ENGLAND N.E.	Wly to NWly winds, light or moderate; some showers, then fair.
3 ENGLAND EAST 4 MIDLAND COUNTIES 5 ENGLAND SOUTH	Wly or NWly winds, light or moderate; mostly fair and cold, but some showers probable in east. Frost at night.
6 SCOTLAND WEST 7 ENGLAND N.W.	Same as Nos 0 and 1.
8 ENGLAND S.W	Nly or NWly winds, moderate or fresh; fair generally. cool.
9 IRELAND NORTH	Same as Nos 0 and 1.
10 IRELAND SOUTH	Moderate or fresh winds between W and NW; fair generally. cool.
WARNINGS	NO FRESH WARNINGS ISSUED.

Note.—The **South Cone**, *point downwards* (▼), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone

The **North Cone**, *point upwards* (▲), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone

* *For terms for transmission of Forecasts by Telegraph; see next page.*

ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	Yesterday 6 p.m.					This Morning 8 a.m.									Past 24 Hours.				
	Bar. Ins.	Temp. °	Wind Direc^n	Wind Force	Weather.	Barometer. Ins.	Barometer. Change	Temperature Dry.	Temperature Wet.	Temperature Change	Wind Direc^n	Wind Force	Weather.	Sea.	Temperature Max.	Temperature Min.	Weather	Sunshine. Hrs.	Rainfall Ins.
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	b	*	48	33	c, b	2.2	—
Bath	30.30	39	NW	1	0	30.32	+.20	36	35	-17	NW	1	c	*	?53	34	—	0.7	0.06

REPORTS FOR YESTERDAY.

STATIONS.	Temperture F. Max.	Temperture F. Min.	Weather.	Sunshine Hrs.	Rainfall. Ins.	STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Sunshine Hrs.	Rainfall. Ins.
Southport, to 9 p.m.... ...	54	42	q, r, c	1.8	—	Broadstairs...	*	*	*	0.5	*
Rhyl, to 6 p.m.	*	*	*	1.6	*	Margate	54	48	c, b, r	0.5	0.02
Llandudno...	*	*	*	4.3	*	Lowestoft, to 6 p.m.... ...	53	37	o, c, b	2.1	0.04
Bettws-y-Coed, to 6 p.m. ...	53	38	bc	1.2	*	Skegness	*	*	*	3.6	*
Aberystwyth, to 6 p.m. ...	49	44	c	4.0	0.04	Scarborough, to 6 p.m. ...	51	*	*	5.0	*
Plymouth, to 9 p.m.... ...	54	43	bop, o	4.7	0.20	Harrogate, to 6 p.m. ...	52	37	o, b	6.4	0.08
Worthing	*	*	*	0.0	*	Manchester, to 9 p.m. ...	55	37	bc, op	1.5	0.03
Brighton	53	*	*	0.1	*	Darwen, to 9 p.m.	51	37	or, c, bcv	2.7	0.11
Eastbourne, to 6 p.m. ...	53	*	*	0.0	*	Birmingham, to 9 p.m. ...	51	39	o, b	0.2	0.02

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

STATIONS. 24th Nov.r 1903.	Temperature, F. Max.	Temperature, F. Min.	Weather.	Rain. Ins.	STATIONS.	Temperature, F. Max.	Temperature, F. Min.	Weather.	Rain. Ins.
Copenhagen	50	37	o, f	0.16	Algiers	61	54	c, bc	—
Utrecht...	52	48	o, o	0.08	Tunis	66	45	c, c	—
Groningen	52	46	c, o	0.04	Madeira (Funchal) Not recd.				
Vienna	52	46	o, b	0.04	23rd November.	1 p.m.	*	1 p.m.	Measured 7 a.m.
Marseilles	63	41	b, o	—	Geneva	55	*	b	—
Florence	53	37	b, b	—	Berne	50	*	bc	0.04
Rome	57	37	b, b	—	Coire	37	*	b	0.39
Naples	57	48	b, b	—	Castasegna	50	*	b	0.08
Palermo ... ... Not recd.					Lugano	50	*	b	—
Malta	63	55	?, b	—	Davos	34	*	b	0.79

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

COUNTRIES, &c.	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles, Belgium† ...	8 a.m. (West European)	8 a.m.	6 p.m.‡ (W.E.T.)	6 p.m.
Holland	8 a.m. (,, ,,)	8 a.m.	7 p.m. (W.E.T.)	7 p.m.
Germany, Denmark, Norway, Sweden	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
France	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.
Spain	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)	6 p.m.
Portugal	8 a.m. (Lisbon)	8.36 a.m.	3.23 p.m. (Lisbon)	4 p.m.
Azores { Ponta Delgada	6 a.m. (Local)	7.43 a.m.	9 p.m. (Local)	10.43 p.m.
Azores { Horta	6 a.m. (Local)	7.55 a.m.	9 p.m. (Local)	10.55 p.m.

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM, TO-DAY.

25th Nov.r 1903.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	7.33	11.40	3.47
Greenwich	7.36	11.47	3.58
Wick	8.24	11.59	3.33
Valencia	8.19	12.28	4.37

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‡ At Oxford the observations are taken at 8 p.m.

DAILY WEATHER REPORT

for 8 a.m. on Friday, 27th NOVEMBER, 1903.

Issued by the METEOROLOGICAL OFFICE, 63, Victoria Street, London. **W. N. SHAW**, *Secretary.*

	STATIONS.	YESTERDAY EVENING. (See note on last page.) Barom. At 32° and M.S.L. Ins.	Temp. Dry Bulb. °	Wind. Direc.	Force (0 to 12.)	Weather	THIS MORNING. (See note on last page.) Barometer. At 32° Fahr. and M.S.L. Ins.	Change since Yesterday. Ins.	Temperature. Dry Bulb. °	Wet Bulb. °	Change since Yesterday. °	Wind. Direc.	Force (0 to 12.)	Weather	Sea (0 to 9.)	PAST 24 HOURS. Temp. Max. °	Min. °	Weather	Sunshine. Hours.	Rainfall. Ins.
SCANDINAVIA.	Haparanda ...	29.56	14	Z	0	r	29.48	-.03	5	4	+8	E	2	0	*	21	-11	—	*	0.04
	Hernösand ...	29.59	17	Z	0	b	29.56	+.06	6	5	-13	Z	0	b	*	23	6	—	*	—
	Stockholm ...	29.58	19	WNW	2	b	29.65	+.17	19	17	-1	WNW	2	b	*	30	16	—	*	—
	Wisby	29.56	31	N	8	b	29.65	+.32	31	29	-4	SSW	6	c	*	37	31	—	*	—
	Karlstad	29.73	19	Z	0	b	29.76	+.18	15	14	-5	NNW	2	b	*	*	*	—	*	—
	Færder (X'iania Fjord)	29.74	28	WNW	2	b	29.75	+.16	27	23	-3	WNW	2	b	2	30	25	—	*	—
	Bodö	29.38	30	SE	4	0	29.24	-.15	32	31	+8	SW	2	c	2	32	24	—	*	—
	Christiansund ...	29.65	31	WNW	6	3	29.60	+.04	32	31	+1	W	6	s	6	32	28	—	*	0.35
	Skudesnaes ...	29.82	24	E	2	bc	29.78	+.25	32	32	0	E	4	0	2	32	23	0, bc	*	*
BRITISH ISLANDS.	Sumburgh Head	29.87	31	N	4	bc	29.69	-.04	28	27	-2	N	1	c	4	33	27	c, sp, bc	*	0.02
	Stornoway ...	29.99	33	NNW	3	0	29.52	-.43	36	36	+1	ESE	3	r	3	36	31	sp, bq, 0	1.3	0.26
	Malin Head ...	30.04	43	W	4	r	29.51	-.55	45	45	+2	S	2	rm	2	45	40	0, r	*	0.26
	Blacksod Pt. ...	30.08	49	WNW	5	rm	29.53	-.73	50	49	+4	SSW	3	om	3	51	45	c, rm	*	0.07
	Valencia	30.24	49	SW	2	om	29.53	-.85	52	51	+3	WNW	6	oq	6	53	47	ov, om	0.5	0.43
	Roche's Point ...	30.25	47	W	2	0	29.47	-.88	52	52	+5	SSW	4	om	3	52	46	r, 0	*	0.31
	Parsonstown ...	30.19	46	WSW	2	0	29.55	-.74	47	45	+7	E	2	or	*	49	40	og, r	0.0	0.08
	Donaghadee ...	30.10	42	NNW	2	r	29.61	-.49	43	43	+2	W	1	c	1	43	38	—	*	0.12
	Liverpool Obsy.	30.12	42	NNW	2	r	29.67	-.44	46	44	+4	SW	2	op	1	46	40	pr, fu	*	0.32
	Holyhead ...	30.14	46	WNW	6	dm	29.66	-.50	50	49	+5	SW	3	o	2	50	42	od, pm	*	0.08
	Pembroke (St. Ann's)	30.22	49	WNW	5	c	29.67	-.61	52	51	+5	SW	6	rqgmu	5	52	47	—	0.1	0.07
	Scilly (St. Mary's)...	30.33	49	WNW	4	cp	29.78	-.59	51	50	+1	SSW	7	r	5	53	46	cp	2.8	0.05
	Jersey (St. Aubins)...	30.33	48	NW	4	cp	30.06	-.28	51	48	+3	SW	6	op	5	51	47	gp, cp	0.3	0.07
	Portland Bill ...	30.22	48	NW	5	bc	29.91	-.31	51	50	+4	WSW	5	cp	4	51	46	c, bc	*	0.01
	Dungeness ...	30.16	40	NNW	2	r	29.91	-.22	48	47	+7	WNW	4	b	2	48	38	r, p	2.2	0.07
	Wick	29.94	29	N	1	bc	29.55	-.25	34	33	+1	S	3	0	1	35	21	—	*	0.03
	Nairn	30.01	26	Z	0	b	29.55	-.36	32	31	0	E	1	s	1	34	23	—	*	0.08
	Aberdeen ...	30.02	28	W	4	bc	29.65	-.24	35	33	+4	SSE	4	ops	3	35	25	osp, bc	0.4	0.23
	Leith	30.04	37	W	1	c	29.57	-.41	34	33	-1	SE	2	r	*	41	31	c, s	*	0.06
	North Shields ...	30.02	36	NW	2	bc	29.65	-.30	35	35	0	SSW	3	r	3	40	32	b, bc, s	*	0.18
	Spurn Head ...	30.01	39	WNW	6	bc	29.73	-.20	38	38	-3	SSE	5	rs	4	43	34	—	*	0.05
	Yarmouth ...	30.01	39	NW	5	bc	29.87	-.07	37	36	-2	S	4	rm	4	42	34	c, bc	*	0.01
	Nottingham ...	30.11	41	W	1	0	29.75	-.30	43	43	+4	SSW	1	r	*	44	36	—	0.2	0.08
	Oxford	30.17	41	W	2	0	29.83	-.33	46	45	+6	SW	4	od	*	46	40	op	*	0.04
	London (Brixton)...	30.13	42	W	2	0	29.85	-.28	45	44	+5	SW	3	ogd	*	46	39	cprs, od	0.4	0.02
GERMANY, &c.	The Scaw (Skagen)	29.78	33	NE	1	bc	29.78	+.21	32	30	-1	?	2	b	0	36	28	—	*	—
	Fanö	29.73	31	E	2	b	29.88	+.35	24	23	-10	E	1	b	*	36	21	—	*	0.08
	Cuxhaven ...	29.69	36	NW	5	s	—	—	—	—	—	—	—	—	*	—	—	—	*	—
	The Helder ...	29.89	40	E	4	bc	29.91	+.15	39	37	-2	NNW	1	0	1	43	36	—	*	0.12
	Brussels	*	*	*	*	*	30.05	+.03	37	35	-2	SW	2	r	*	43	34	—	*	—
	Berlin	29.58	35	WNW	2	s	29.88	+.23	33	32	-2	NW	2	0	*	39	30	—	*	0.55
	Frankfürt ...	29.99	35	W	1	s	30.09	+.16	33	30	-8	S	2	bc	*	45	33	—	*	0.24
	Munich	29.94	33	W	7	0	30.07	+.03	30	29	-6	W	5	0	*	37	28	—	*	—
FRANCE.	C. Gris Nez ...	30.13	43	NW	5	0	29.95	-.17	47	44	+3	SW	4	0	4	48	43	—	*	—
	Brest	30.38	47	NW	3	0	30.12	-.28	51	50	+1	W	5	0	5	52	46	—	*	—
	Lorient	30.38	49	NNW	4	c	30.16	-.25	52	52	+3	W	4	0	4	54	48	—	*	—
	Rochefort ...	30.36	52	NW	3	0	30.24	-.22	48	47	-2	SW	3	0	*	54	46	c, 0	*	—
	Biarritz	30.48	53	NW	2	bc	30.38	-.11	49	48	+1	S	1	c	2	55	45	—	*	0.16
	Paris	30.22	42	W	2	0	30.14	-.08	42	41	+1	SW	2	0	*	50	41	—	*	0.04
	Belfort	30.13	35	WSW	7	0	30.17	-.13	33	32	-2	WSW	2	s	*	41	32	—	*	0.20
	Lyons	30.32	42	NW	1	0	30.28	-.10	40	39	+1	NE	1	0	*	45	39	—	*	0.04
	Nice	29.98	45	ENE	3	b	29.94	+.02	46	?	0	E	2	bc	3	57	41	—	*	?
	Perpignan ...	30.30	50	WNW	4	b	30.28	-.06	49	44	+2	NW	3	bc	*	54	46	—	*	—
SPAN. PEN.	Corunna																		*	
	Lisbon	30.34	55	NNE	4	b	30.36	+.02	48	?44	-5	NNE	3	b	*	64	46	—	*	—
	Azores (P. Delgada)																		*	
	" (Horta) ...	30.54	61	NNE	1	bc	30.57	+.17	59	57	-5	NNE	1	b	2	68	59	—	*	—

NOTE: *The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster: the Sunshine entered to Dungeness is recorded at Littlestone-on-Sea.*

* *Observations for this column not generally received.*

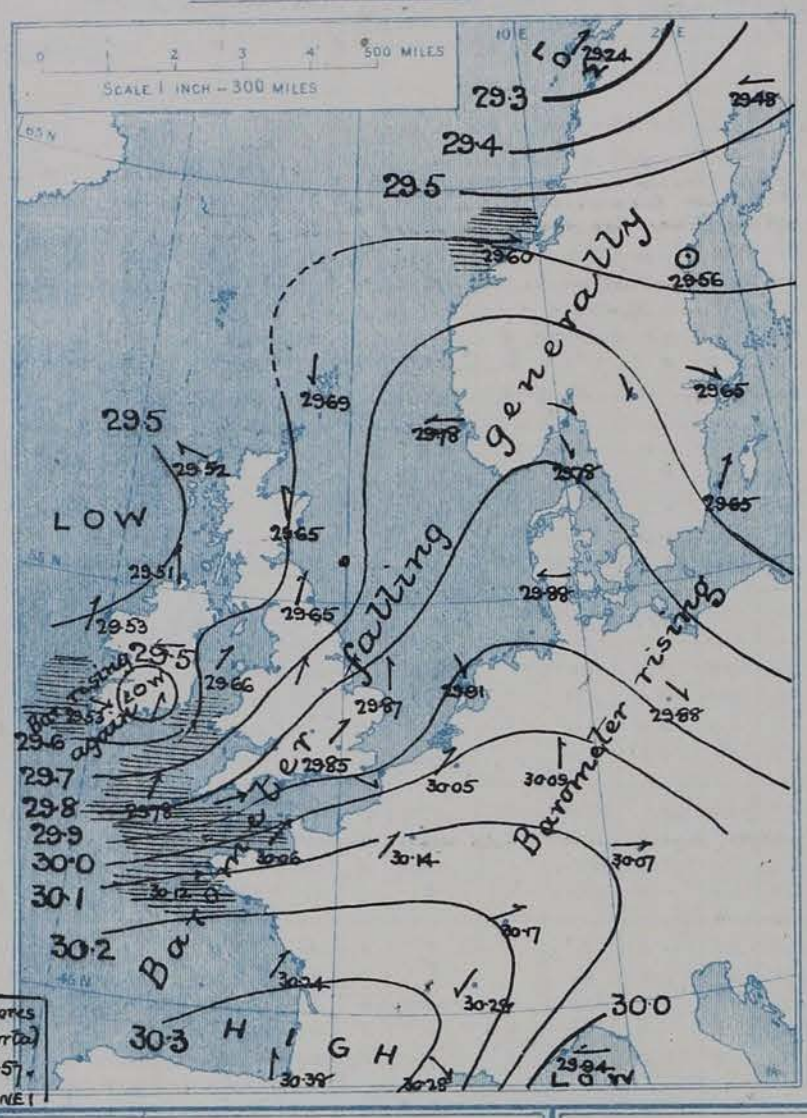
† *Observations received too late for insertion in Charts on next page.*

WEATHER CHARTS

FOR FRIDAY, 27TH NOVEMBER, 1903.

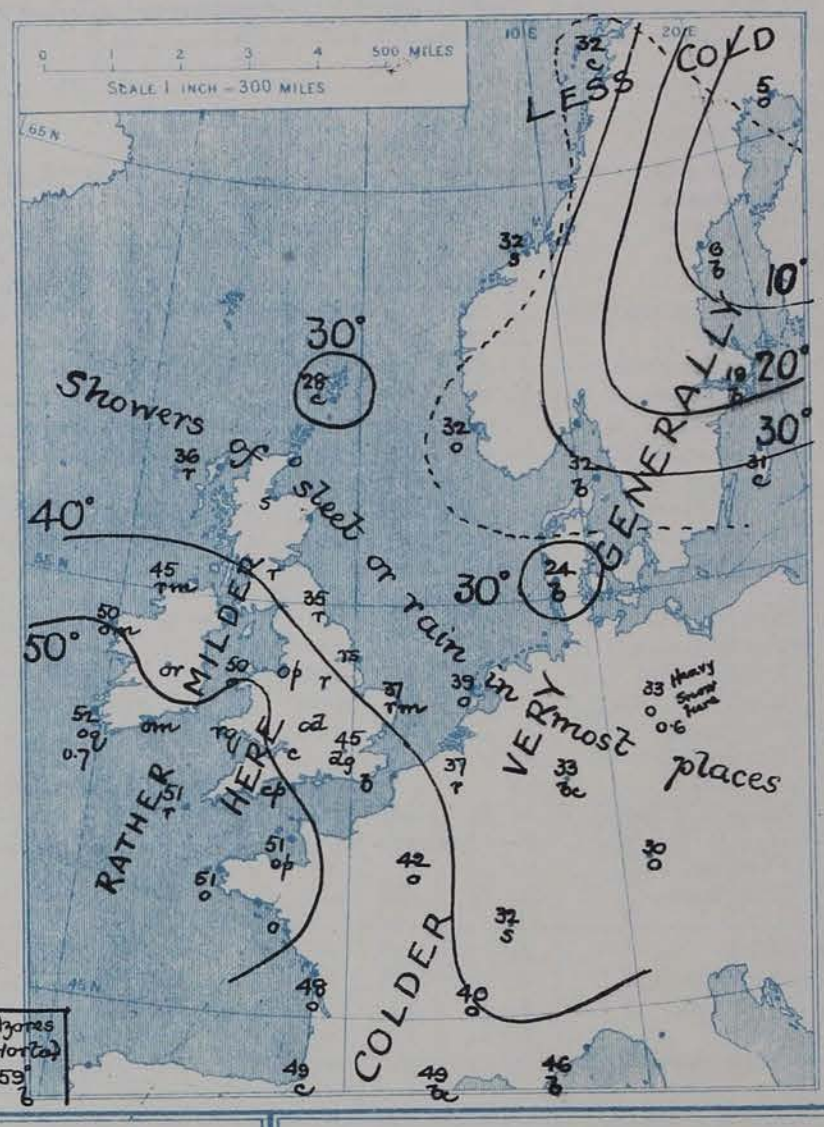
I. BAROMETER, WIND AND SEA. *This Morning.*

BAROMETER.—Isobars are drawn for each tenth of an inch.
WIND.—Arrows show Directions and Force, flying with the wind.
Force above 10 — *Force 5 to 7* — *Force 8 to 10* — *Force 1 to 4* — Calm
SEA.—Rough — *High*



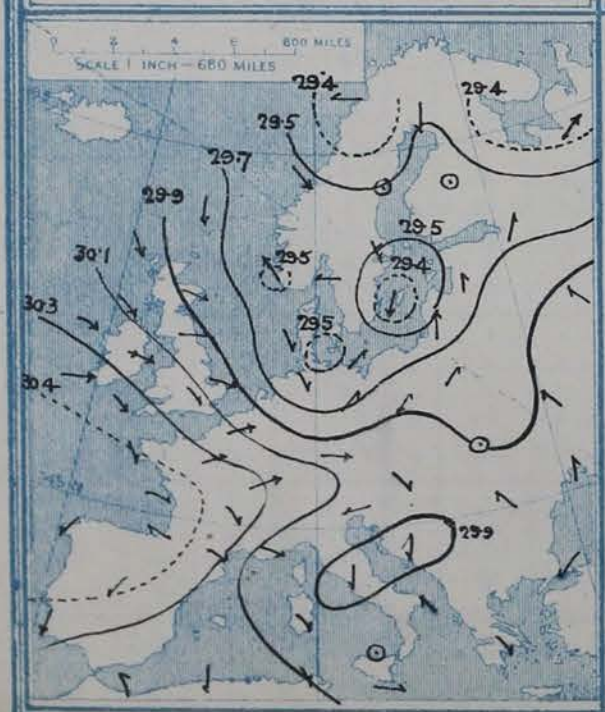
II. TEMPERATURE AND WEATHER. *This Morning.*

TEMPERATURE.—Isotherms are drawn for each 10°.
WEATHER.—Shown by Letters of the Beaufort Scale. *(See P. 4.)*
RAINFALL.—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus – 0·6

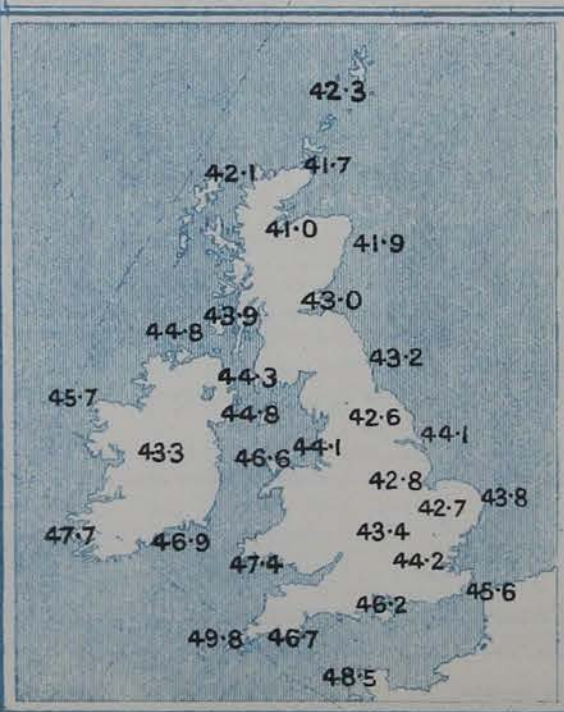


III. BAROMETER AND WIND

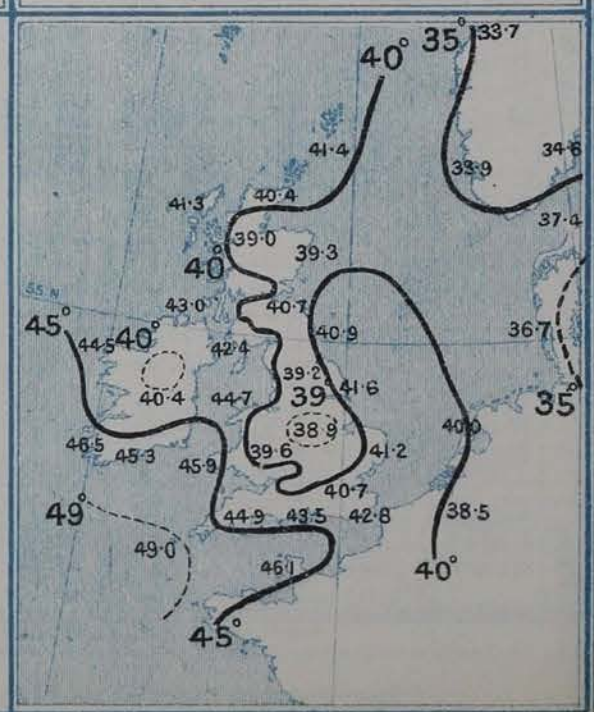
Yesterday morning.



IV. *Averages of* DAILY MAXIMUM *and* MINIMUM TEMPERATURES *combined for the month of* NOVEMBER. *(1871-1900)*



V. *Means of* DAILY TEMPERATURE *at 8 A.M. for the Two monthly period* NOVEMBER - DECEMBER *(1871-1900)*



GENERAL SITUATION AT 8 A.M.

PRESSURE

Barometric pressure is still highest, 30·4 ins. and upwards, in an anticyclone extending from the Atlantic over the Bay of Biscay and the west of France and lowest over Scandinavia and the Baltic. The lowest reading reported is 29.33 ins. at Wisby, but that at Bodö is not much higher, and there are local minima of about 29.5 ins. off the south-west coast of Norway and north Germany. Gradients are steep over the North Sea, the Netherlands, and Germany, and rather so over the United Kingdom. A separate depression with steep gradients has appeared over the Gulf of Genoa.

WIND

The general current of wind over our Islands and the adjacent portion of the Continent is north-westerly, but over Scandinavia and Germany partial circulations around the local baric minima are shown. It blows strongly in many parts of Great Britain and Ireland, as well as on the north coast of France, the Netherlands, and Germany. At Holyhead a fresh gale is reported.

TEMPERATURE

Temperature has fallen except over the southern half of England and Ireland and in the north of France and is now very low in Sweden and below the freezing point at some Scotch stations. The readings over these islands range from 50° at Scilly, 49° at Valencia, and 48° at Jersey to 39° at Nottingham, 31° at Aberdeen, and 30° in the Shetlands, and those over the Continent from 50° at Rochefort and Brest to 35° at Belfort and Berlin to 24° at Bodö, 20° at Stockholm, and to -3° at Haparanda.

WEATHER AND SEA

The weather is fair in a few localities, but cloudy or overcast generally. Snow is falling at nearly all the Norwegian stations and at Berlin, and sleet or snow showers in the north of Scotland while at Malin Head rain showers are reported, and at Nottingham and Belfort, steady rain. The sea is rough or rather so on our northern and western coasts and also in the Straits of Dover and on the Dutch coast.

The highest temperature recorded over our Islands yesterday was 53° at Scilly, and the lowest in the night 28° at Wick. At the latter station the fall of snow during the past 24 hours has yielded 0·6 in. of water in the gauge, and considerable falls of snow have been experienced in Scotland generally. The amount of bright sunshine registered in the south has been large for the time of year. On the coast of Sussex there were nearly 7 hours, and at Clacton 7·2 hours. In the north and west the values were much lower.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

There are still no indications of any important change in the general distribution of pressure over our Islands and the western countries of the Continent, so that depressions, moving in a general southeasterly direction may be expected to appear over Scandinavia and the North Sea, as well as over our own northern and north western districts

FORECASTS*

For the 24 hours ending at NOON on 27th NOVEMBER 1903

DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	Moderate to fresh, or strong winds between NW. and W; changeable, showers of sleet or snow. Sharp frost at night.
1 SCOTLAND EAST	
2 ENGLAND N.E.	
3 ENGLAND EAST	Moderate or fresh winds, Wly or NWly; cold, dry air. Mostly fair, but rain or sleet showers very probable. Frost at night.
4 MIDLAND COUNTIES	
5 ENGLAND SOUTH	
6 SCOTLAND WEST	Same as Nos 0 to 2.
7 ENGLAND N.W.	Fresh or strong winds between W. and NW; changeable, showers of hail or rain. Frost inland at night.
8 ENGLAND S.W	
9 IRELAND NORTH	
10 IRELAND SOUTH	
WARNINGS	At 3·30 p.m. yesterday to Districts 6, 7, 9 and part of 0, and at 7 p.m. to District 8 "HOIST NORTH CONE."

Note.—The **South Cone**, *point downwards* (▼), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone

The **North Cone**, *point upwards* (▲), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone

* *For terms for transmission of Forecasts by Telegraph; see next page.*

ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	Yesterday 6 p.m.					This Morning 8 a.m.									Past 24 Hours.				
	Bar. Ins.	Temp. °	Wind Direc^n	Wind Force	Weather.	Barometer. Ins.	Barometer. Change	Temperature Dry.	Temperature Wet.	Temperature Change	Wind Direc^n	Wind Force	Weather.	Sea.	Temperature Max.	Temperature Min.	Weather	Sunshine Hrs.	Rainfall Ins.
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	bcp	*	45	36	b,cgp	7.2	0.03
Bath	30.22	45	NW	3	0	30.21	-.11	41	39	+5	NW	2	bc	*	49	?36	—	4.0	—

REPORTS FOR YESTERDAY.

STATIONS.	Temperture F. Max.	Temperture F. Min.	Weather.	Sunshine Hrs.	Rainfall. Ins.	STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Sunshine Hrs.	Rainfall. Ins.
Southport, to 9 p.m.... ...	47	44	c,p,q	1.5	0.01	Broadstairs...	*	*	*	5.2	*
Rhyl, to 6 p.m.	*	*	*	2.7	*	Margate	46	36	b,h	3.5	0.03
Llandudno...	*	*	*	1.0	*	Lowestoft, to 6 p.m.... ...	44	33	b,c	3.7	—
Bettws-y-Coed, to 6 p.m. ...	46	40	c,bo,ph	0.2	*	Skegness	*	*	*	2.5	*
Aberystwyth, to 6 p.m. ...	49	45	c,o	1.0	—	Scarborough, to 6 p.m. ...	48	*	*	1.9	*
Plymouth, to 9 p.m.... ...	50	42	bcp	2.8	0.03	Harrogate, to 6 p.m. ...	46	37	bc,r,b	3.7	0.10
Worthing	*	*	*	6.6	*	Manchester, to 9 p.m. ...	47	39	bc,pq	1.3	0.17
Brighton	48	*	*	6.1	*	Darwen, to 9 p.m.	44	35	b,opqq	0.1	0.17
Eastbourne, to 6 p.m. ...	45	*	*	6.8	*	Birmingham, to 9 p.m. ...	46	35	b,c	3.3	0.02
Hastings	*	*	*	6.8	*						

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

STATIONS. 25th Novr, 1903.	Temperature, F. Max.	Temperature, F. Min.	Weather.	Rain. Ins.	STATIONS.	Temperature, F. Max.	Temperature, F. Min.	Weather.	Rain. Ins.
Copenhagen	50	37	b, mv	0.04	Algiers	66	55	o, c	—
Utrecht...	54	37	c, bc	0.04	Tunis	64	41	c, c	—
Groningen	52	36	c, bc	—	Madeira (Funchal) Not recd.				
Vienna	55	46	o, r	0.20	24th November.	1 p.m.	*	1 p.m.	Measured 7 a.m.
Marseilles	59	37	c, c	—	Geneva	50	*	bc	—
Florence	55	48	c, o	—	Berne	46	*	c	—
Rome	60	47	b, o	—	Coire	41	*	b	—
Naples	58	51	o, b	—	Castasegna	43	*	b	—
Palermo	68	40	b, b	—	Lugano	50	*	b	—
Malta	67	55	?, b	—	Davos	36	*	b	—

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

COUNTRIES, &c.	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles, Belgium† ...	8 a.m. (West European)	8 a.m.	6 p.m.‡ (W.E.T.)	6 p.m.
Holland	8 a.m. („ „)	8 a.m.	7 p.m. (W.E.T.)	7 p.m.
Germany, Denmark, Norway, Sweden	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
France	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.
Spain	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)	6 p.m.
Portugal	8 a.m. (Lisbon)	8.36 a.m.	3.23 p.m. (Lisbon)	4 p.m.
Azores { Ponta Delgada	6 a.m. (Local)	7.43 a.m.	9 p.m. (Local)	10.43 p.m.
Azores { Horta	6 a.m. (Local)	7.55 a.m.	9 p.m. (Local)	10.55 p.m.

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM, TO-DAY.

26th Novr, 1903.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	7.34	11.40	3.46
Greenwich	7.37	11.47	3.57
Wick	8.27	11.59	3.31
Valencia	8.20	12.28	4.36

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FORECASTS OF WEATHER for one day in advance are drawn up at the Meteorological Office at 11 a.m., and between 7 and 8 p.m. The latest forecast can be had by Reply Telegram, on paying at any Post Office in the United Kingdom **Sixpence in addition to the cost of the inquiry and reply Telegrams.** Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application to the Meteorological Office, 63, Victoria Street, S.W., either personally or by post.

† The evening observations in Belgium are not given on page 1. ‡ At Oxford the observations are taken at 8 p.m.

DAILY WEATHER REPORT

for 8 a.m. on Saturday, 28th November, **1903.**

Issued by the METEOROLOGICAL OFFICE, 63, Victoria Street, London. **W. N. SHAW.** *Secretary.*

	STATIONS.	YESTERDAY EVENING. (See note on last page.) Barom. At 32° and M.S.L. Ins.	Temp. Dry Bulb. °	Wind. Direc.	Wind. Force (0 to 12.)	Weather	THIS MORNING. (See note on last page.) Barometer. At 32° Fahr. and M. S. L. Ins.	Barometer. Change since Yesterday. Ins.	Temperature. Dry Bulb. °	Temperature. Wet Bulb. °	Temperature. Change since Yesterday. °	Wind. Direc.	Wind. Force (0 to 12.)	Weather	Sea (0 to 9.)	PAST 24 HOURS. Temp. Max. °	Temp. Min. °	Weather	Sunshine. Hours.	Rainfall. Ins.
SCANDINAVIA.	Haparanda ...	29.42	10	X	0	0	29.30	-.18	12	11	+ 7	X	0	0	*	12	1	–	*	0.04
	Hernösand ...	29.48	15	X	0	8	29.40	-.16	15	14	+ 9	X	0	8	*	19	6	–	*	–
	Stockholm ...	29.73	19	X	0	8	29.50	-.15	18	17	- 1	X	0	8	*	23	18	–	*	–
	Wisby	29.62	31	NW	6	8	29.47	-.18	25	23	- 6	X	0	8	*	37	25	–	*	–
	Karlstad	29.61	15	NW	2	8	29.49	-.27	13	13	- 2	N	2	0	*	*	*	–	*	–
	Færder (X'iania Fjord)	29.59	29	NW	1	8	29.42	-.33	25	24	- 2	?NNE	5	0	2	29	23	–	*	–
	Bodö	29.15	36	SW	4	0	29.13	-.11	32	30	0	SE	4	0	2	36	27	–	*	–
	Christiansund ...	29.51	30	W	4	S	29.39	-.21	29	27	- 3	SW	3	8	5	32	28	–	*	0.35
	Skudesnaes ...	29.52	32	ESE	2	C	29.35	-.43	30	27	- 2	ENE	2	8	2	34	28	C	*	*
BRITISH ISLANDS.	Sumburgh Head	29.41	35	ENE	1	0	29.35	-.34	35	32	+ 7	NE	4	C	5	35	26	0	*	–
	Stornoway ...	29.15	41	E	5	r	29.33	-.19	40	37	+ 4	ENE	6	0	6	41	34	r	0.0	0.65
	Malin Head ...	29.21	46	WNW	6	r	29.08	-.43	45	44	0	NNE	7	r	5	47	44	r	*	0.48
	Blacksod Pt. ...	29.40	46	WNW	7	cgpm	29.31	-.22	47	44	- 3	NNW	6	op	5	51	43	cgpm	*	0.52
	Valencia	29.57	44	WNW	7	gp	29.48	-.05	47	42	- 5	W	7	og	6	53	40	cgp	0.4	0.32
	Roche's Point ...	29.49	48	NW	4	8	29.39	-.08	44	42	- 8	NW	5	8	3	54	41	o,8,8	*	0.15
	Parsonstown ...	29.40	44	NW	6	C	29.28	-.27	44	42	- 3	W	7	og	*	49	40	org	0.0	0.41
	Donaghadee ...	29.23	46	X	0	d	29.05	-.56	46	46	+ 3	WNW	2	r	2	46	38	d	*	0.44
	Liverpool Obsy.	29.23	45	WNW	1	m	29.11	-.56	45	44	- 1	WNW	3	r	?	47	43	odm	*	0.55
	Holyhead ...	29.23	47	SW	4	rgm	29.12	-.54	47	46	- 3	WNW	8	o	6	51	45	dm,gm	*	0.74
	Pembroke (St. Ann's)	29.34	52	WNW	8	o	29.27	-.40	48	45	- 4	WNW	8	ogu	6	53	47	ogr	0.0	0.40
	Scilly (St. Mary's)...	29.63	50	WNW	9	c	29.50	-.28	49	45	- 2	WNW	8	c	7	54	44	r,o,c8	0.0	0.51
	Jersey (St. Aubins)...	29.54	53	WSW	8	rg	29.39	-.67	48	45	- 3	WNW	8	cgrh	6	55	44	rg	0.0	0.84
	Portland Bill ...	29.25	52	WNW	9	p	29.21	-.70	47	45	- 4	WNW	9	cp	6	53	43	rg,p	*	0.45
	Dungeness ...	29.13	52	WSW	7	rg	29.08	-.83	43	42	- 5	NW	6	r	3	52	41	rg	0.0	0.76
	Wick	29.19	38	SE	6	r	29.26	-.29	38	37	+ 4	NNE	6	r	4	40	33	–	*	0.60
	Nairn	29.20	33	X	0	r	29.23	-.32	39	37	+ 7	E	2	o	2	40	31	–	*	0.39
	Aberdeen ...	29.22	34	WNW	2	8c	29.20	-.45	39	38	+ 4	ENE	7	r	6	41	33	rspomd	?	0.41
	Leith	29.22	37	X	0	r	29.13	-.44	40	40	+ 6	NE	1	r	*	41	32	r,f	*	0.22
	North Shields ...	29.22	38	X	0	om	29.08	-.57	41	41	+ 6	NW	2	r	2	41	34	omomr	*	0.11
	Spurn Head ...	29.22	44	SE	3	f	29.03	-.70	43	43	+ 5	NW	3	o	4	46	36	rf	*	0.18
	Yarmouth ...	29.33	47	S	4	r	28.99	-.88	46	45	+ 9	NW	4	of	4	48	36	dm,r	*	0.09
	Nottingham ...	29.17	47	NE	1	r	29.09	-.66	43	42	0	W	1	r	*	49	43	–	0.0	0.62
	Oxford	29.12	49	SW	2	r	29.15	-.68	43	42	- 3	W	2	or	*	50	42	org	*	0.70
	London (Brixton)...	29.11	51	SW	2	or	29.10	-.75	44	43	- 1	NNW	2	ogrm	*	52	42	or,rg	0.0	0.86
GERMANY, &c.	The Scaw (Skagen)	29.60	32	W	1	8	29.36	-.42	35	34	+ 3	SE	4	C	1	36	28	–	*	–
	Fanö	29.45	32	SE	6	S	29.13	-.75	33	32	+ 9	ENE	6	o	*	36	24	–	*	0.04
	Cuxhaven ...	29.67	33	S	3	0	29.02		35	35		ESE	5	o	*	37	32	frs	*	0.28
	The Helder ...	29.30	46	SSW	4	r	28.85	-1.06	41	40	+ 2	NE	6	o	5	46	36	–	*	0.20
	Brussels	*	*	*	*	*	28.94	-1.11	40	40	+ 3	WSW	4	r	*	48	35	–	*	0.63
	Berlin	29.78	33	SSW	1	8c	29.19	-.69	33	32	0	S	2	S	*	36	30	–	*	0.16
	Frankfürt ...	29.63	40	S	1	r	29.12	-.97	46	42	+ 13	SW	3	o	*	46	33	–	*	0.35
	Munich	29.91	31	SW	4	o	29.41	-.66	37	36	+ 7	SW	5	o	*	39	30	–	*	0.08
FRANCE.	C. Gris Nez ...	29.21	48	SSW	8	r	29.04	-.91	44	43	- 3	W	7	r	7	52	43	–	*	1.46
	Brest	29.96	53	NW	6	o	29.58	-.54	48	45	- 3	NW	6	c	7	54	45	–	*	0.20
	Lorient	29.74	54	WSW	7	m	29.58	-.58	49	47	- 3	W	7	o	7	55	46	–	*	0.43
	Rochefort ...	29.92	54	SW	7	r	29.65	-.59	49	46	+ 1	W	8	r	*	55	45	–	*	0.32
	Biarritz	30.20	55	W	4	r	29.90	-.48	56	54	+ 7	WNW	9	o	7	56	47	–	*	0.04
	Paris	29.59	46	S	5	r	29.23	-.91	43	40	+ 1	W	4	8	*	51	42	–	*	0.32
	Belfort	29.92	40	SW	4	o	?		41	41	+ 8	WSW	7	r	*	41	33	–	*	0.16
	Lyons	30.09	41	SSE	1	o	29.58	-.70	40	37	0	SW	4	o	*	45	39	–	*	0.12
	Nice	29.98	46	X	0	8	29.69	-.25	46	40	0	W	3	o	6	57	41	–	*	–
	Perpignan ...	30.14	47	X	0	8	29.76	-.52	48	44	- 1	SW	3	o	*	58	40	–	*	–
SPAN. PEN.	Corunna																		*	
	Lisbon	30.36	53	W	5	8	30.34	-.02	58	56	+ 10	NNE	3	o	*	61	48	–	*	–
	Azores (P. Delgada)	30.62	59	NE	4	8	30.61	+.05	60	55	0	ENE	3	o	3	64	57	–	*	–
	" (Horta) ...	30.67	60	NE	3	o	30.66	+.09	60	54	+ 1	NE	3	c	2	66	55	–	*	–

NOTE: The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster: the Sunshine entered to Dungeness is recorded at Littlestone-on-Sea.

* *Observations for this column not generally received.*

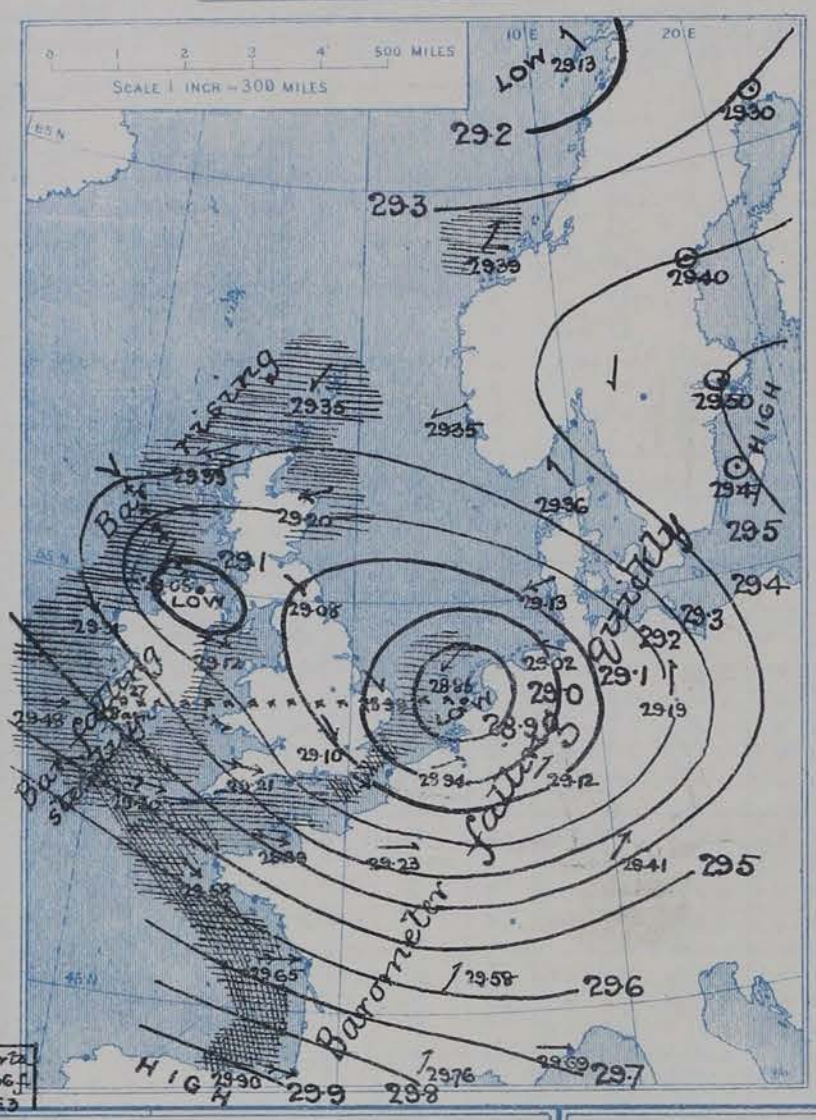
† *Observations received too late for insertion in Charts on next page.*

WEATHER CHARTS

FOR SATURDAY, 28TH NOVEMBER, 1903.

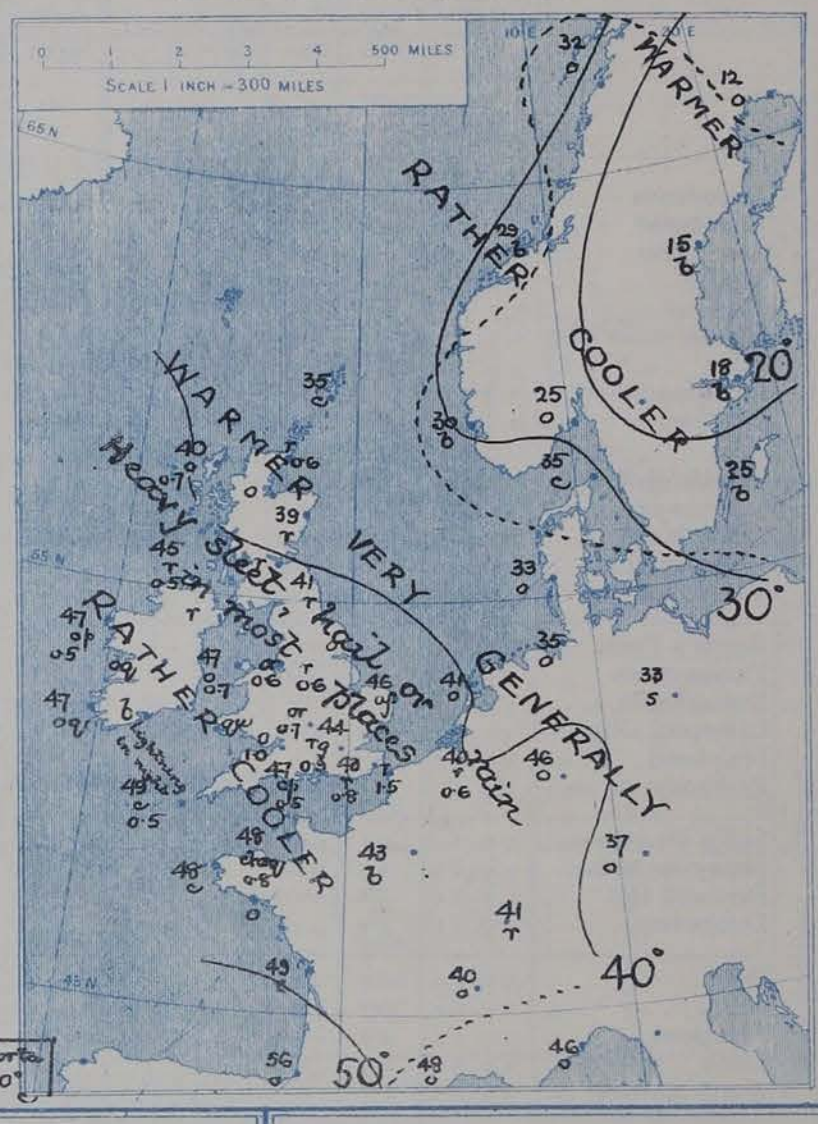
I. BAROMETER, WIND AND SEA. *This Morning.*

BAROMETER.—Isobars are drawn for each tenth of an inch.
WIND.—Arrows show Directions and Force, flying with the wind.
Force above 10 — *Force 8 to 10* — *Force 5 to 7* — *Force 1 to 4* — } Calm ⊙
SEA.—Rough — *High*



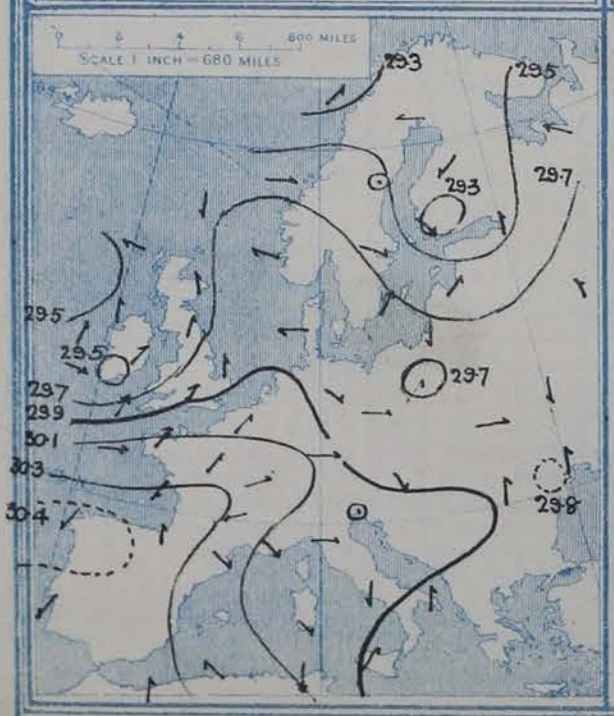
II. TEMPERATURE AND WEATHER. *This Morning.*

TEMPERATURE.—Isotherms are drawn for each 10°
WEATHER.—Shown by Letters of the Beaufort Scale. *(See P. 4.)*
RAINFALL.—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus – 0·6

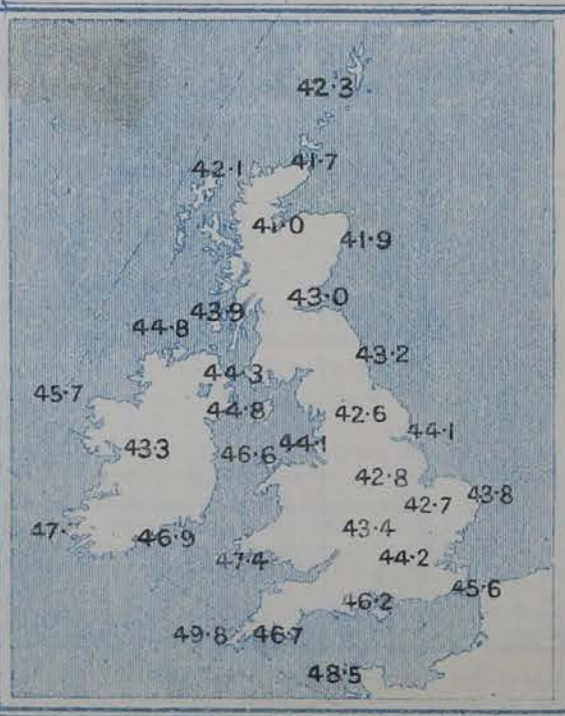


III. BAROMETER AND WIND

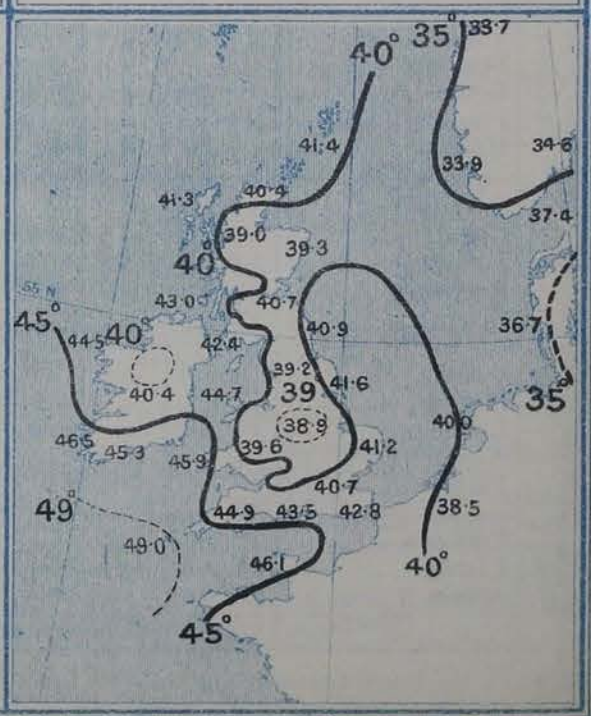
Yesterday morning.



IV. *Averages of* DAILY MAXIMUM *and* MINIMUM TEMPERATURES *combined for the month of* NOVEMBER. *(1871-1900)*



V. *Means of* DAILY TEMPERATURE *at 8 A.M. for the Two monthly period* NOVEMBER – DECEMBER *(1871-1900)*



GENERAL SITUATION AT 8 A.M.

PRESSURE

Since yesterday morning the anticyclone has given way somewhat and receded southwards, while a cyclonic disturbance, with two minima, has appeared over our most western and northwestern coasts. The barometer at present ranges from above 30·3 ins. in the south-west of France to 29.47 ins. at Roches Point to about the same value off the west of Scotland and to less than 29.3 ins. in the north of Norway. The mercury is falling generally, but has begun to rise again at Valencia.

WIND TEMPERATURE WEATHER AND SEA

With the advent of the above mentioned disturbance the wind has backed to the south-westward or southward over England and to the southward or southeastward in Scotland. It has increased considerably in force in the extreme south west of England. Over Ireland the direction is more variable and the force mostly light; at Valencia, however, it has already veered to west-north-west and blows strongly. Temperature has risen in most parts of Ireland and England, but scarcely changed in Scotland and along the east and north east of England. It ranges from 52° in the south of Ireland and 51° on the shores of the English Channel to 35° at Shields, 32° at Nairn, and 28° in the Shetlands. Over the continent the changes have been rather irregular, but mostly downward. The values range from 52° at Lorient to 33° at Berlin, 30° at Munich, 24° at Fano, 19° at Stockholm, and to 5° at Haparanda. The weather is at present fine and bright over Denmark and the south of Sweden, as well as in the extreme south of France; but over our area generally it is very cloudy or overcast, with rain in many parts of Ireland and England, and rain or snow in Scotland. Rain is also reported at Brussels. The sea is rather rough in the south-west, rough off the west of Norway, moderate to smooth elsewhere.

The maximum temperatures reported over Scotland were not much above the freezing point and not much above 40° over the centre and east of England. On our south and south west coasts, however, they were 50° or rather higher. Rain has fallen in all the more southern regions - as much as 0·7 at Valencia Island - and snow in Scotland, Scandinavia, and Germany, at Berlin, the fall has been heavy. Bright sunshine was again little prevalent except in the extreme south.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The depressions in the west and northwest appear likely to travel in an easterly or northeasterly direction and to cause a considerable increase of wind over the Kingdom generally. Rain is probable in England and Ireland, and sleet followed by rain in Scotland. Some increase of temperature is to be expected in the north.

FORECASTS*

For the 24 hours ending at NOON on 28th NOVEMBER 1903

DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	SE.ly winds, increasing in force; temperature rising, some sleet then rain.
1 SCOTLAND EAST	
2 ENGLAND N.E.	S.ly to SW.ly and W.ly winds, freshening; dull, damp air, rainy, then improving
3 ENGLAND EAST	
4 MIDLAND COUNTIES	
5 ENGLAND SOUTH	SW.ly to W.ly strong winds, a gale in places; dull, damp air. Improving by to morrow.
6 SCOTLAND WEST	Same as Nos. 0 and 1.
7 ENGLAND N.W.	Strong winds or gales from SW to W; dull and rainy then finer.
8 ENGLAND S.W	SW.ly to W.ly or NW.ly strong winds or gales; rainy to fair
9 IRELAND NORTH	Wind veering to W or NW. and increasing in force; mild and rainy then cooler and showery.
10 IRELAND SOUTH	
WARNINGS	At 9.30 am. to day to District 5 "HOIST SOUTH CONE" and at 11.30 am. to District 10 "HOIST NORTH CONE" The signals are still flying in 6, 7, 8, 9 and part of 0.

Note.—The **South Cone**, *point downwards* (▼), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.

The **North Cone**, *point upwards* (▲), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

* *For terms for transmission of Forecasts by Telegraph; see next page.*

ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	Yesterday 6 p.m.					This Morning 8 a.m.									Past 24 Hours.				
	Bar. Ins.	Temp. °	Wind Direc^n	Wind Force	Weather.	Barometer Ins.	Barometer Change	Temperature Dry.	Temperature Wet.	Temperature Change	Wind Direc^n	Wind Force	Weather.	Sea.	Temperature Max.	Temperature Min.	Weather	Sunshine Hrs.	Rainfall Ins.
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	o	*	43	36	c	1.4	0.01
Bath	30.19	45	NW	2	bc	29.81	-.40	49	48	+8	SW	4	c	*	49	?41	—	1.0	—

REPORTS FOR YESTERDAY.

STATIONS.	Temperture F. Max °	Temperture F. Min °	Weather.	Sunshine Hrs.	Rainfall. Ins.	STATIONS.	Temperature F. Max. °	Temperature F. Min. °	Weather.	Sunshine Hrs.	Rainfall Ins.
Southport, to 9 p.m.... ...	45	39	cq, ph, or	0.2	0.23	Broadstairs...	*	*	*	0.1	*
Rhyl, to 6 p.m.	*	*	*	2.0	*	Margate	51	39	c, o, b	0.0	—
Llandudno...	*	*	*	0.2	*	Lowestoft, to 6 p.m.... ...	41	35	o, c, b	1.5	—
Bettws-y-Coed, to 6 p.m. ...	45	40	c, b, pd	0.3	*	Skegness	*	*	*	2.6	*
Aberystwyth, to 6 p.m. ...	49	45	cr	0.0	0.08	Scarborough, to 6 p.m. ...	48	*	*	2.7	*
Plymouth, to 9 p.m.... ...	50	45	bc, op	0.4	0.11	Harrogate, to 6 p.m. ...	47	35	c, bc	2.9	0.05
Worthing	*	*	*	4.0	*	Manchester, to 9 p.m. ...	45	38	r, bc, p	0.2	0.34
Brighton	48	*	*	5.6	*	Darwen, to 9 p.m.	39	33	orh, op	0.6	0.51
Eastbourne, to 6 p.m. ...	47	*	*	3.8	*	Birmingham, to 9 p.m. ...	43	38	o, p	0.4	0.20

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

STATIONS. 26th Nov. 1903.	Temperature, F. Max.	Temperature, F. Min.	Weather.	Rain. Ins.	STATIONS.	Temperature, F. Max.	Temperature, F. Min.	Weather.	Rain. Ins.
Copenhagen	41	30	r, f	0.47	Algiers	64	57	o, o	—
Utrecht...	46	36	r, o	0.08	Tunis	68	43	o, o	—
Groningen	45	34	c, o	0.51	Madeira (Funchal)	68	54	c, c	—
Vienna	54	37	r, bc	0.32	25th November.	1 p.m.	*	1 p.m.	Measured 7 a.m.
Marseilles	57	41	b, b	—	Geneva	46	*	r	0.04
Florence	55	42	r, f	0.39	Berne	45	*	r	0.08
Rome	57	50	o, c	—	Coire	37	*	r	—
Naples	59	51	c, r	0.28	Castasegna	45	*	o	—
Palermo	65	40	b, o	—	Lugano	48	*	o	—
Malta	68	55	?, o	—	Davos	34	*	s	—

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER,—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

COUNTRIES, &c.	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles, Belgium† ...	8 a.m. (West European)	8 a.m.	6 p.m.‡ (W.E.T.)	6 p.m.
Holland	8 a.m. („ „)	8 a.m.	7 p.m. (W.E.T.)	7 p.m.
Germany, Denmark, Norway, Sweden	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
France	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.
Spain	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)	6 p.m.
Portugal	8 a.m. (Lisbon)	8.36 a.m.	3.23 p.m. (Lisbon)	4 p.m.
Azores { Ponta Delgada	6 a.m. (Local)	7.43 a.m.	9 p.m. (Local)	10.43 p.m.
Azores { Horta	6 a.m. (Local)	7.55 a.m.	9 p.m. (Local)	10.55 p.m.

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM, TO-DAY.

27th Nov., 1903.	Sunrise G.M.T.	Noon G.M.T	Sunset G.M.T.
Yarmouth	7.36	11.41	3.45
Greenwich	7.39	11.48	3.56
Wick	8.30	12.0	3.29
Valencia	8.22	12.29	4.35

SUBSCRIPTIONS both for the Daily *and* Weekly Weather Reports *may be paid, in advance, to the* Meteorological Office.

TERMS: For Daily Weather Report, forwarded by Book Post, £1 0 0 per annum.
„ Weekly „ „ „ £1 10 0 „ Single Copies, 6d.

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FORECASTS OF WEATHER for one day in advance are drawn up at the Meteorological Office at 11 a.m., and between 7 and 8 p.m. The latest forecast can be had by Reply Telegram, on paying at any Post Office in the United Kingdom **Sixpence in addition to the cost of the inquiry and reply Telegrams.** Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application to the Meteorological Office, 63, Victoria Street, S.W., either personally or by post.

† The evening observations in Belgium are not given on page 1.

‡ At Oxford the observations are taken at 8 p.m.

DAILY WEATHER REPORT

for 8 a.m. on Sunday 29th November, 1903.

Issued by the METEOROLOGICAL OFFICE, 63, Victoria Street, London. W. N. SHAW, *Secretary.*

	STATIONS.	YESTERDAY EVENING. (See note on last page.) Barom. At 32° and M.S.L. Ins.	Temp. Dry Bulb. °	Wind. Direc.	Wind. Force (0 to 12.)	Weather	THIS MORNING. (See note on last page.) Barometer. At 32° Fahr. and M.S.L. Ins.	Barometer. Change since Yesterday. Ins.	Temperature. Dry Bulb. °	Temperature. Wet Bulb. °	Temperature. Change since Yesterday. °	Wind. Direc.	Wind. Force (0 to 12.)	Weather	Sea (0 to 9.)	PAST 24 HOURS. Temp. Max. °	Temp. Min. °	Weather	Sunshine. Hours.	Rainfall. Ins.
SCANDINAVIA.	Haparanda ...	29.32	21	Z	0	0	29.39	+.09	17	16	+5	NNE	2	0	*	23	5	–	*	–
	Hernösand ...	29.39	8	Z	0	b	29.39	–.01	3	1	–12	Z	0	b	*	19	?	–	*	–
	Stockholm ...	29.41	17	Z	0	c	29.25	–.25	26	25	+8	N	2	0	*	26	16	–	*	–
	Wisby	29.25	30	E	2	s	29.09	–.38	31	30	+6	NNE	2	s	*	31	25	–	*	0.08
	Karlstad	29.40	13	Z	0	b	29.38	–.11	10	10	–3	NNE	2	b	*	*	*	–	*	–
	Færder (X'iania Fjord)	29.37	24	NNE	5	0	29.39	–.03	21	20	–4	NNW	4	bc	2	27	21	–	*	–
	Bodö	29.16	31	SW	4	0	29.19	+.06	30	28	–2	SE	4	0	2	32	27	–	*	–
	Christiansund ...	29.39	30	SW	2	bc	29.38	–.01	30	29	+1	SW	2	s	4	30	28	–	*	0.24
	Skudesnaes ...	29.42	23	ENE	2	b	29.40	+.05	23	22	–7	Z	0	b	2	30	21	b	*	*
BRITISH ISLANDS.	Sumburgh Head	29.45	31	N	2	b	29.42	+.07	31	30	–4	N	2	0	4	36	28	bc,b	*	0.07
	Stornoway ...	29.52	34	NNE	4	0	29.56	+.23	32	31	–8	N	4	s	4	41	30	c,0	0.0	0.02
	Malin Head ...	29.32	43	NE	7	0	?29.55	+.47	37	36	–8	N	2	bcsp	3	45	36	r,0	*	0.24
	Blacksod Pt. ...	29.48	44	NNW	7	chp	29.61	+.30	41	37	–6	N	4	bhp	4	47	39	cp,chp	*	0.06
	Valencia	29.44	45	N	7	cq	29.55	+.07	41	39	–6	N	6	ogp	6	49	40	c,cq	1.0	0.06
	Roche's Point ...	29.29	45	NW	7	cqp	29.47	+.08	38	37	–6	N	4	0	2	47	?	c,cqp	*	0.05
	Parsonstown ...	29.32	43	W	3	r	29.52	+.24	37	36	–7	NW	1	r	*	46	35	op,or	0.0	0.51
	Donaghadee ...	29.20	44	NNE	6	r	29.52	+.47	40	38	–6	NNE	4	0	4	46	37	–	*	0.35
	Liverpool Obsy.	29.14	42	ESE	3	r	29.43	+.32	37	34	–8	ENE	2	c	3	47	36	or	*	0.25
	Holyhead ...	29.07	47	NE	1	rqm	29.42	+.30	42	39	–5	E	3	bc	2	48	39	am,rq	*	0.16
	Pembroke (St. Ann's)	29.12	47	WNW	6	0	29.35	+.08	38	37	–10	NE	4	rgm	4	49	36	–	0.0	0.12
	Scilly (St. Mary's)...	29.24	49	NW	7	cq	29.13	–.37	48	46	–1	NNE	7	r	6	51	44	c,cq	4.2	0.28
	Jersey (St. Aubins)...	29.25	47	W	5	bc	29.15	–.24	40	39	–8	NNW	4	c	4	51	39	cq+h	2.8	0.15
	Portland Bill ...	29.13	46	NW	6	c	29.18	–.03	40	39	–7	NE	5	0	4	48	40	c	*	0.03
	Dungeness ...	29.12	45	WNW	3	r	29.22	+.14	42	41	–1	ESE	5	r	3	45	41	o,r,q	0.0	0.18
	Wick	29.43	37	N	3	c	29.43	+.17	32	32	–6	NNE	2	s	2	39	28	–	*	0.03
	Nairn	29.45	38	NNE	3	c	29.52	+.29	32	31	–7	WSW	2	0	1	40	32	–	*	0.14
	Aberdeen ...	29.41	38	NNE	4	0	29.49	+.29	32	31	–7	WNW	4	bchp	3	42	30	orq,0	0.0	0.24
	Leith	29.33	40	ENE	2	0	29.50	+.37	35	33	–5	N	1	c	*	43	34	–	*	0.45
	North Shields ...	29.22	44	ENE	4	0	29.43	+.35	36	35	–5	NW	1	op	3	45	34	r,0	*	0.26
GERMANY, &c.	Spurn Head ...	29.12	42	ENE	6	r	29.36	+.33	40	37	–3	NE	4	bc	4	45	37	qp	*	–
	Yarmouth ...	29.10	45	NW	2	cm	29.29	+.30	43	37	–3	ENE	6	b	5	48	41	odm,c	*	0.11
	Nottingham ...	29.13	43	NE	2	r	29.38	+.29	37	35	–6	NE	1	0	*	45	37	–	0.0	0.32
	Oxford	29.12	43	N	1	r	29.32	+.17	39	37	–4	NE	3	og	*	47	38	o,dp	*	0.22
	London (Brixton)...	29.10	45	SW	4	od	29.27	+.17	41	38	–3	NE	2	ogd	*	47	40	ogdm	0.0	0.38
	The Scaw (Skagen)	29.34	32	E	5	bc	29.36	.00	28	28	–7	NE	3	b	1	37	28	–	*	–
	Fanö	29.24	30	N	3	b	29.36	+.23	26	25	–7	N	2	b	*	36	25	–	*	–
	Cuxhaven ...	29.02	36	ENE	4	0	29.27	+.25	32	31	–3	N	5	b	*	37	30	–	*	–
	The Helder ...	29.06	43	NE	4	0	29.30	+.45	40	35	–1	NE	4	bc	3	43	39	–	*	–
	Brussels	*	*	*	*	*	29.26	+.28	37	36	–3	NE	3	0	*	43	36	–	*	0.43
	Berlin	29.07	39	SSE	1	0	29.04	–.15	36	36	+3	Z	0	r	*	41	33	–	*	0.12
	Frankfürt ...	28.99	40	SW	2	r	29.19	+.07	40	38	–6	W	2	0	*	46	37	–	*	0.28
	Munich	29.21	39	SW	6	b	29.21	–.20	39	35	+2	SW	6	0	*	41	37	–	*	–
FRANCE.	C. Gris Nez ...	29.12	46	W	4	0	29.26	+.22	40	40	–4	ENE	4	0	4	48	39	–	*	0.51
	Brest	29.32	48	NW	5	0	29.19	–.39	47	45	–1	NNW	5	0	6	50	43	–	*	0.43
	Lorient	29.36	49	NW	6	c	29.17	–.41	47	46	–2	NW	7	r	7	54	43	–	*	0.16
	Rochefort ...	29.42	49	W	3	0	29.24	–.41	46	45	–3	WNW	3	r	*	54	39	0	*	0.67
	Biarritz																		*	
	Paris	29.25	42	WSW	3	b	29.21	–.02	36	36	–7	SSW	2	r	*	45	36	–	*	0.16
	Belfort	29.25	39	WSW	8	0	29.21	?	37	34	–4	WSW	4	c	*	41	35	–	*	0.12
	Lyons	29.53	41	SW	1	r	29.27	–.31	33	32	–7	NNW	1	0	*	50	33	–	*	–
	Nice	29.47	44	SW	4	b	29.15	–.54	39	38	–7	Z	0	c	4	50	36	–	*	0.16
	Perpignan ...	29.69	46	SW	2	0	29.24	–.52	49	41	+1	NW	4	b	*	58	38	–	*	–
SPAN. PEN.	Corunna	30.02	57	SW	6	f	29.82	–.47	47	43	–10	NW	8	0	5	59	37	–	*	0.04
	Lisbon	30.17	57	WNW	5	b	29.97	–.37	58	55	0	NW	5	0	*	63	57	–	*	0.04
	Azores (P. Delgada)	30.59	60	NNE	4	b	30.56	–.05	59	56	–1	NE	4	c	3	66	59	–	*	–
	" (Horta) ...	30.66	60	NNE	3	b	30.60	–.06	60	57	0	NNE	4	c	2	64	59	–	*	–

NOTE: *The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster: the Sunshine entered to Dungeness is recorded at Littlestone-on-Sea.*

**Observations for this column not generally received.*

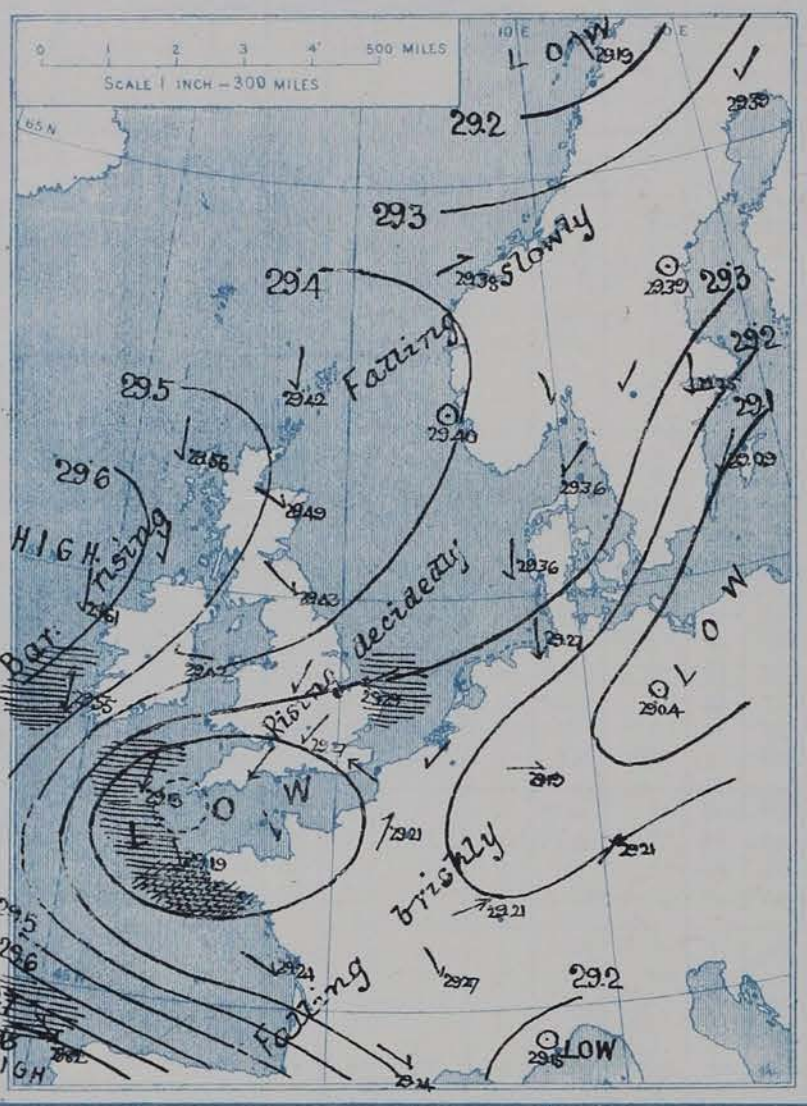
† *Observations received too late for insertion in Charts on next page.*

WEATHER CHARTS

FOR SUNDAY, 29th NOVEMBER, 1903.

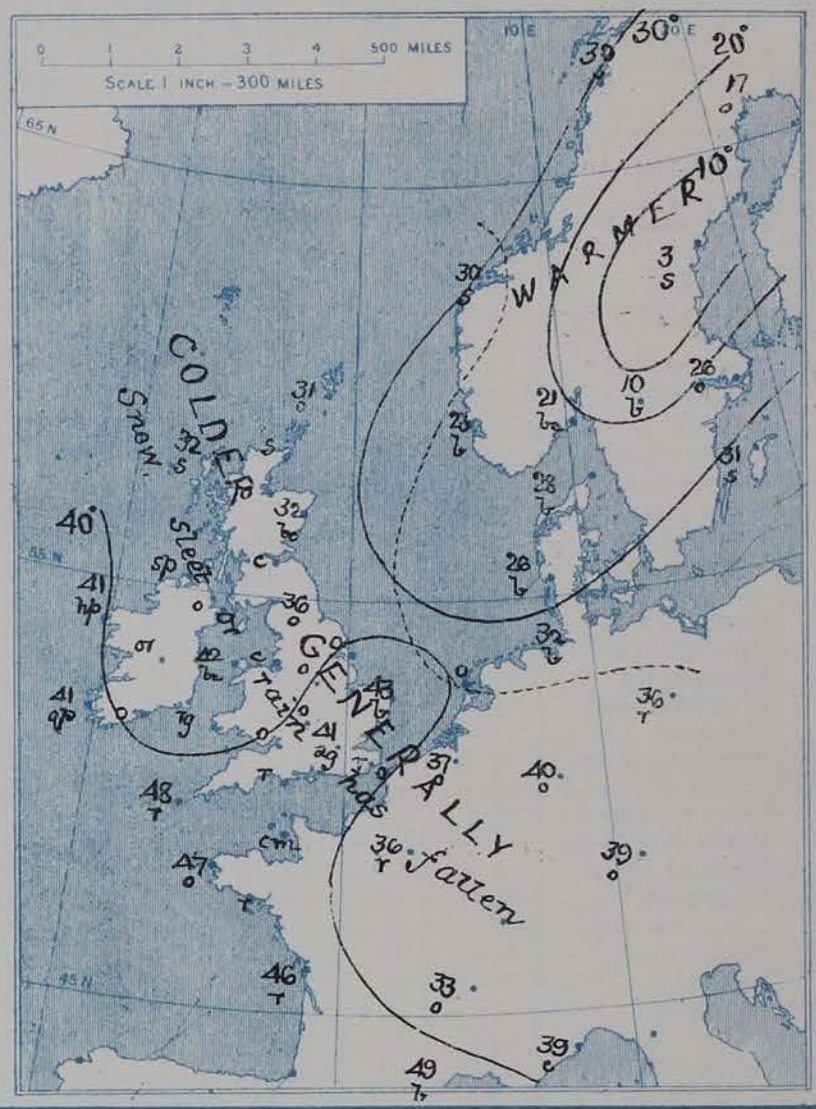
I. BAROMETER, WIND AND SEA. *This Morning.*

BAROMETER.—Isobars are drawn for each tenth of an inch.
WIND.—Arrows show Directions and Force, flying with the wind.
Force above 10 ; *Force 8 to 10* ; *Force 5 to 7* ; *Force 1 to 4* ; Calm ⊙
SEA.—Rough *High*



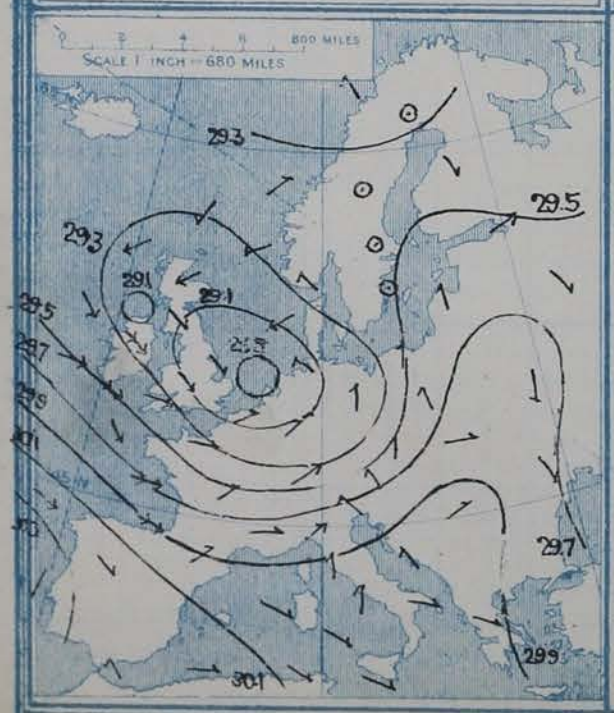
II. TEMPERATURE AND WEATHER. *This Morning.*

TEMPERATURE.—Isotherms are drawn for each 10°
WEATHER.—Shown by Letters of the Beaufort Scale. *(See P. 4.)*
RAINFALL.—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus - 0·6

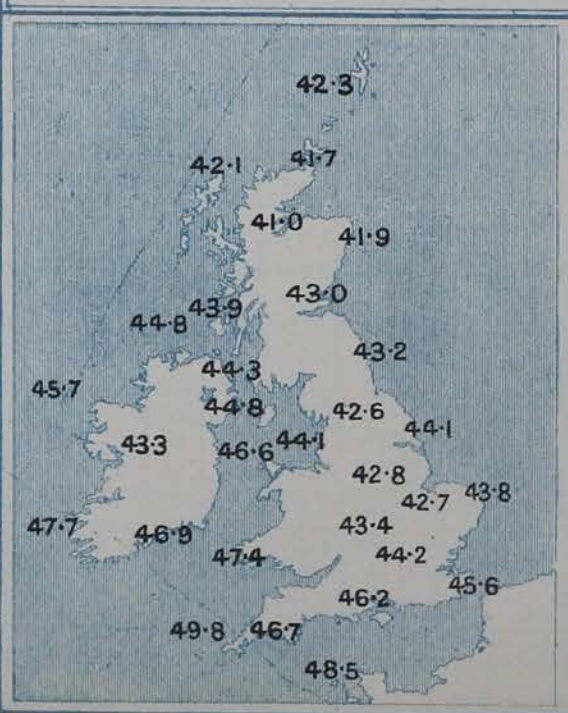


III. BAROMETER AND WIND

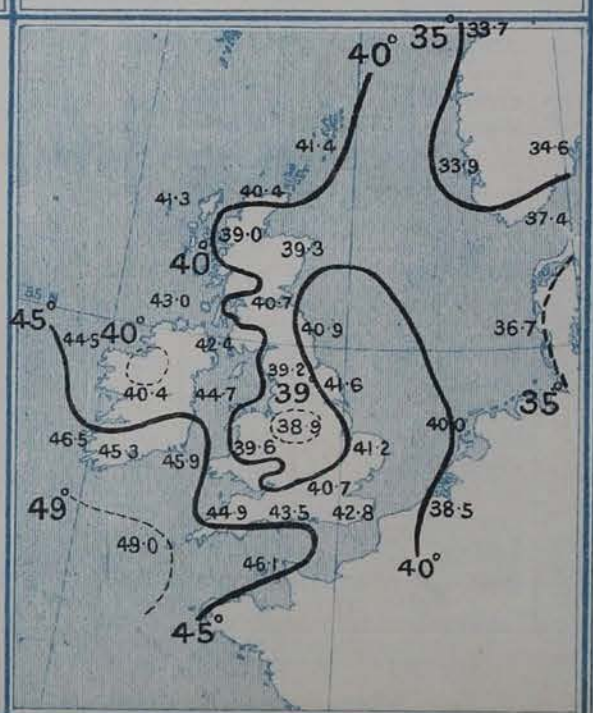
Yesterday morning.



IV. *Averages of* DAILY MAXIMUM *and* MINIMUM TEMPERATURES *combined for the month of* NOVEMBER. *(1871-1900)*



V. *Means of* DAILY TEMPERATURE *at 8 A.M. for the Two monthly period* NOVEMBER - DECEMBER *(1871-1900)*



GENERAL SITUATION AT 8 A.M.

PRESSURE

The small depression which was observed over the south of Ireland yesterday morning has since moved rather quickly eastwards and increased in depth; its centre is now found over the Netherlands, where the barometer is below 28·9 ins. The disturbance which then lay off the west of Scotland is now shown over the north of Ireland, the mercury at its centre standing at about 29·0 ins. Another disturbance in which pressure is about 29·1 ins. is lying over the northwest of Norway. The highest barometer readings continue to be reported from Spain and the Azores. Gradients remain rather steep generally.

WIND

The wind, which circulates around the baric minima, blows strongly or with the force of a moderate gale from the NE^{d} on our northern coasts, and a fresh to strong gale from W or WNW at our western and southern stations and on the shores of the Bay of Biscay, while the NW^{ly} current on the east coast of England is only moderate.

TEMPERATURE

Temperature has risen in Scotland and the east of England, fallen in most other regions. Over the United Kingdom it ranges from 49° at Scilly to 39° in the northeast of Scotland and to 35° in the Shetlands; and on the Continent from 49° at Lorient to 33° at Berlin, 18° at Stockholm, and to 12° in the extreme north of Sweden.

WEATHER AND SEA

The weather is in a dull, rainy condition in nearly all parts of our area, but the sky is at present clear in the east of Sweden. At Berlin snow is falling. The sea is high on the west coast of France, at Scilly, and Cape Gris Nez, rough or rather so most other parts of our own and the neighbouring coasts.

The maximum temperatures recorded over our Islands yesterday exceeded 50° in the west and south, but were no higher than 41° or 40° in the north of Great Britain. Rain has fallen very generally and heavily. At many stations the amount is between 0·5 in. and 0·8 in. in London and at Bath, 0·86 in. and 0·96 ins. respectively, while at Cape Gris Nez there was a fall of 1·46 ins. A fresh to whole gale was experienced yesterday or in the night on all our western and southern coasts. The only station that recorded any sunshine was Valencia, where the duration was less than half an hour. Further falls of sleet occurred during yesterday in the north of Scotland.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The depression in the northwest will probably move in an easterly or southeasterly direction over our Islands and be accompanied by strong winds or gales and rainy weather very generally. Temperature is likely to remain rather low.

FORECASTS*

For the 24 hours ending at NOON on 29TH NOVEMBER, 1903

DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	Strong winds or gales from the NE^{wd}; cold, rainy, sleet or snow in places.
1 SCOTLAND EAST	
2 ENGLAND N.E.	Wind varying greatly, both in direction and force; cool, rainy weather.
3 ENGLAND EAST	Wind chiefly NW^{ly}, fresh or strong at times; dull, rainy. Cool.
4 MIDLAND COUNTIES	Same as No. 2.
5 ENGLAND SOUTH	W^{ly} or NW^{ly} winds, strong to a gale on coast; dull, rainy, cool.
6 SCOTLAND WEST	Same as Nos. 0 and 1.
7 ENGLAND N.W.	NW^{ly} strong winds or gales; squally, rainy.
8 ENGLAND S.W	
9 IRELAND NORTH	NW^{ly} or N^{ly} strong winds or gales; cloudy or dull, rain at times. Hail showers in north.
10 IRELAND SOUTH	
WARNINGS	At 9.5 am. to Dist. 1 and part of 0, and at 9.30 am. to part of Dist. 8, "HOIST NORTH CONE". The signals are still flying on all coasts except in part of Dist. 2.

Note.—The **South Cone**, *point downwards* (▼), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.

The **North Cone**, *point upwards* (▲), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

* *For terms for transmission of Forecasts by Telegraph, see next page.*

ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

Telegraphic Reports To-day.	Yesterday 6 p.m. Bar. Ins.	Temp. °	Wind Direc.	Wind Force	Weather.	This Morning 8 a.m. Barometer. Ins.	Barometer. Change.	Temperature Dry.	Temperature Wet.	Temperature Change	Wind Direc.	Wind Force	Weather.	Sea.	Past 24 Hours. Temperature Max.	Temperature Min.	Weather	Sunshine. Hrs.	Rainfall Ins.
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	gtq	*	47	42	or	0·0	0·82
Bath	29.20	45	W	5	r	29.19	-·62	45	43	-4	W	4	o	*	53	43	–	0·0	0·96

REPORTS FOR YESTERDAY.

Stations.	Temperture F. Max.	Temperture F. Min.	Weather.	Sunshine Hrs.	Rainfall. Ins.	Stations.	Temperature F. Max.	Temperature F. Min.	Weather.	Sunshine Hrs.	Rainfall. Ins.
Southport, to 9 p.m.... ...	48°	39°	r, om, r	0·0	0·26	Broadstairs...	*	*	*		*
Rhyl, to 6 p.m.	*	*	*	0·0	*	Margate	51	*	bc, r	0·0	*
Llandudno...	*	*	*	0·0	*	Lowestoft, to 6 p.m.... ...					
Bettws-y-Coed, to 6 p.m. ...	50	41	*	0·0	*	Skegness	*	*	*	0·0	*
Aberystwyth, to 6 p.m. ...	53	48	or	–	0·55	Scarborough, to 6 p.m. ...	44	*	*	0·0	*
Plymouth, to 9 p.m.... ...	53	45	orq, bcp	0·0	0·69	Harrogate, to 6 p.m. ...	45	34	c, r, mo	0·0	0·13
Worthing	*	*	*	0·0	*	Manchester, to 9 p.m. ...	49	38	or	0·0	0·24
Brighton	52	*	*	0·0	*	Darwen, to 9 p.m.	45	35	or, dm, or	0·0	0·22
Eastbourne, to 6 p.m. ...	47	*	*	0·0	*	Birmingham, to 9 p.m. ...	38	39	o, r	0·0	0·32
Hastings	*	*	*	0·0	*						

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

Stations. 27th Nov. 1903.	Temperature, F. Max.	Temperature, F. Min.	Weather.	Rain. Ins.	Stations.	Temperature, F. Max.	Temperature, F. Min.	Weather.	Rain. Ins.
Copenhagen	36	23	o, f	–	Algiers	66	55	c, c	0·20
Utrecht...	39	30	o, o	0·35	Tunis	66	46	o, o	–
Groningen	43	34	c, c	0·12	Madeira (Funchal)	72	54	b, c	–
Vienna	45	32	o, c	0·04	26th November.	1 p.m.	*	1 p.m.	Measured 7 a.m.
Marseilles	52	43	b, c	–	Geneva	41	*	r	0·08
Florence	55	32	b, b	–	Berne	39	*	c	0·47
Rome	59	40	b, b	–	Coire	37	*	o	0·20
Naples	57	47	b, b	0·51	Castasegna	41	*	b	–
Palermo	68	40	o, bc	0·12	Lugano	52	*	b	–
Malta	58	54	?, c	–	Davos	27	*	o	0·20

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

Countries, &c.	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles, Belgium† ...	8 a.m. (West European)	8 a.m.	6 p.m.‡ (W.E.T.)	6 p.m.
Holland	8 a.m. („ „)	8 a.m.	7 p.m. (W.E.T.)	7 p.m.
Germany, Denmark, Norway, Sweden	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
France	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.
Spain	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)	6 p.m.
Portugal	8 a.m. (Lisbon)	8.36 a.m.	3.23 p.m. (Lisbon)	4 p.m.
Azores { Ponta Delgada	6 a.m. (Local)	7.43 a.m.	9 p.m. (Local)	10.43 p.m.
Azores { Horta	6 a.m. (Local)	7.55 a.m.	9 p.m. (Local)	10.55 p.m.

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM, TO-DAY.

28th Nov. 1903.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	7.38	11.41	3.44
Greenwich	7.41	11.48	3.55
Wick	8.33	12.0	3.27
Valencia	8.24	12.29	4.34

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„ Weekly „ „ „ £1 10 0 „ Single Copies, 6d.

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FORECASTS OF WEATHER for one day in advance are drawn up at the Meteorological Office at 11 a.m., and between 7 and 8 p.m. The latest forecast can be had by Reply Telegram, on paying at any Post Office in the United Kingdom **Sixpence in addition to the cost of the inquiry and reply Telegrams.** Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application to the Meteorological Office, 63, Victoria Street, S.W., either personally or by post.

† The evening observations in Belgium are not given on page 1.

‡ At Oxford the observations are taken at 8 p.m.

DAILY WEATHER REPORT

for 8 a.m. on Monday, 30th November **1903.**

Issued by the METEOROLOGICAL OFFICE, 63, Victoria Street, London. **W. N. SHAW.** *Secretary.*

	STATIONS.	YESTERDAY EVENING. (See note on last page.) Barom. At 32° and M.S.L. Ins.	Temp. Dry Bulb. °	Wind. Direc.	Wind. Force (0 to 12.)	Weather	THIS MORNING. (See note on last page.) Barometer. At 32° Fahr. and M. S. L. Ins.	Barometer. Change since Yesterday. Ins.	Temperature. Dry Bulb. °	Temperature. Wet Bulb. °	Temperature. Change since Yesterday. °	Wind. Direc.	Wind. Force (0 to 12.)	Weather	Sea (0 to 9.)	PAST 24 HOURS. Temp. Max. °	Temp. Min. °	Weather	Sunshine. Hours.	Rainfall. Ins.
SCANDINAVIA.	Haparanda ...	29.52	14	SW	2	o	29.38	-.01	15	14	-2	N	3	o	*	27	9	-	*	0.04
	Hernösand ...	29.38	16	Z	o	c	29.47	+.08	16	15	+13	Z	o	b	*	16	3	-	*	-
	Stockholm ...	29.34	23	NW	2	o	29.54	+.29	13	12	-13	NW	2	b	*	26	13	-	*	0.47
	Wisby	29.19	32	NNE	6	bc	29.44	+.35	32	30	+1	NNE	6	b	*	36	28	-	*	-
	Karlstad	29.44	12	N	2	b	29.59	+.21	7	6	-3	N	2	b	*	*	*	-	*	-
	Færder (X'iania Fjord)	29.43	23	NNW	4	b	29.56	+.17	22	22	+1	NNW	3	m	1	25	21	-	*	-
	Bodö	29.28	28	SE	4	bc	29.33	+.14	19	17	-11	E	4	bc	2	30	18	-	*	-
	Christiansund ...	29.34	32	SW	3	c	29.43	+.05	32	30	+2	W	7	s	4	32	30	-	*	0.20
	Skudesnaes ...	29.41	30	E	2	b	29.47	+.07	33	30	+10	SE	4	bc	2	33	23	b	*	*
BRITISH ISLANDS.	Sumburgh Head	29.39	30	N	1	c	29.47	+.05	32	32	+1	N	1	s	3	32	27	o,c	*	0.07
	Stornoway ...	29.52	32	WNW	3	b	29.54	-.02	32	31	0	NNW	4	os	4	34	27	s,o,b	1.1	0.04
	Malin Head ...	29.50	37	NNW	4	cp	29.57	-.03	35	33	-2	N	3	bcsp	3	38	32	b,cp	*	0.03
	Blacksod Pt. ...	29.57	41	ENE	3	cp	29.65	+.04	35	34	-6	ENE	3	chp	3	41	35	c,cp	*	0.17
	Valencia	29.54	38	NNE	3	b	29.61	+.06	37	33	-4	ENE	3	b	3	43	33	op,b	2.8	0.06
	Roche's Point ...	29.49	38	N	3	ogp	29.56	+.09	34	33	-4	N	3	b	1	41	33	o,ogp	*	0.02
	Parsonstown ...	29.54	35	NW	3	bc	29.60	+.08	25	24	-12	NE	2	b	*	38	23	or,bc	0.0	0.02
	Donaghadee ...	29.49	39	NNE	3	b	29.56	+.04	38	34	-2	NNE	3	b	3	41	34	-	*	0.02
	Liverpool Obsy.	29.43	38	NE	1	o	29.49	+.06	29	27	-8	NE	1	b	1	40	28	om	*	0.02
	Holyhead ...	29.44	37	E	1	rm	29.46	+.04	38	35	-4	NE	3	bc	2	42	34	c,rm	*	0.14
	Pembroke (St. Ann's)	29.39	39	NE	4	o	29.46	+.11	35	34	-3	NE	3	bc	2	41	35	-	0.0	0.90
	Scilly (St. Mary's)...	29.28	44	NNE	6	r	29.37	+.24	44	41	-4	NNE	6	c	5	48	41	r,bbr	0.0	0.34
	Jersey (St. Aubins)...	29.17	43	ENE	6	ogm	29.27	+.12	40	37	0	NE	6	orspg	5	46	38	rs,ogm	0.0	0.06
	Portland Bill ...	29.30	38	NE	5	od	29.36	+.18	32	32	-8	NNE	3	c	3	40	31	p,od	*	0.10
	Dungeness ...	29.26	41	E	6	cgu	29.27	+.05	39	34	-3	NE	6	c	4	43	36	c,cgu	0.0	0.02
	Wick	29.39	29	NNE	2	c	29.42	-.01	34	33	+2	N	4	cu	2	35	20	-	*	0.20
	Nairn	29.48	29	W	1	o	29.53	+.01	27	27	-5	W	2	s	1	34	24	-	*	0.04
	Aberdeen ...	29.44	32	WNW	5	c	29.48	-.01	28	27	-4	WNW	5	b	2	33	27	c,s	0.8	0.08
	Leith	29.47	34	NW	1	b	29.49	-.01	30	28	-5	W	1	bm	*	39	27	-	*	-
	North Shields ...	29.42	35	NW	2	orshp	29.43	.00	26	26	-10	WNW	2	b	3	39	26	orshp	*	0.20
GERMANY, &c.	Spurn Head ...	29.39	38	NE	3	bc	29.36	.00	34	34	-6	NNW	4	csp	4	43	32	-	*	0.06
	Yarmouth ...	29.34	41	ENE	6	cgp	29.31	+.02	38	34	-5	ENE	5	bcv	5	43	34	c,cgp,s	*	0.07
	Nottingham ...	29.40	36	N	2	b	29.40	+.02	32	31	-5	N	2	o	*	40	32	-	0.0	-
	Oxford	29.38	34	NE	2	m	29.40	+.08	33	32	-6	N	2	osp	*	40	31	bc,m	*	-
	London (Brixton)...	29.33	38	ENE	4	og	29.34	+.07	34	33	-7	N	4	o	*	42	32	odposp	0.0	0.03
	The Scaw (Skagen)	29.43	30	NE	1	b	29.54	+.18	28	28	0	SE	1	bc	0	30	27	-	*	-
	Fanö	29.45	23	N	1	b	29.47	+.11	24	22	-2	NE	2	b	*	28	23	-	*	-
	Cuxhaven ...	29.38	31	NNE	4	b	29.36	+.09	31	29	-1	NE	4	b	*	34	28	-	*	-
	The Helder ...	29.35	35	E	3	b	29.30	.00	33	30	-7	E	4	b	3	40	33	-	*	-
	Brussels	*	*	*	*	*									*				*	
	Berlin	29.30	35	NW	3	r	29.22	+.18	32	31	-4	NE	3	o	*	39	30	-	*	0.08
	Frankfürt ...	29.20	36	NW	2	r	29.11	-.08	34	34	-6	N	3	s	*	40	34	-	*	0.08
	Munich	29.10	32	NE	5	o	28.93	-.28	32	32	-7	SW	4	s	*	41	30	-	*	-
FRANCE.	C. Gris Nez ...	29.29	34	ENE	4	b	29.24	-.02	37	34	-3	ENE	5	c	5	40	32	-	*	-
	Brest	29.09	46	NE	1	o	29.27	+.08	41	39	-6	NE	3	c	4	48	39	-	*	0.23
	Lorient	29.07	47	E	4	o	29.23	+.06	39	38	-8	NE	5	c	4	54	36	-	*	0.16
	Rochefort ...	29.12	44	NNE	2	o	29.04	+.20	40	38	-6	NE	5	o	*	48	36	o	*	0.16
	Biarritz	29.26	52	W	7	r	29.05		44	43		NNE	4	o	6	54	43	r,bbrh	*	1.85
	Paris	29.17	37	NNE	3	r	29.14	-.07	31	30	-5	NNE	3	s	*	40	31	-	*	0.16
	Belfort	29.10	38	S	2	o	29.01	-.20	33	33	-4	ENE	3	r	*	42	33	-	*	0.16
	Lyons	29.15	39	N	1	c	29.05	-.22	32	32	-1	NNE	1	s	*	43	32	-	*	0.08
	Nice	29.07	35	Z	o	c	28.99	-.16	35	32	-4	E	1	b	4	46	33	-	*	0.95
	Perpignan ...	29.15	48	NW	4	c	28.96	-.28	37	35	-12	SW	2	c	*	55	36	-	*	-
SPAN. PEN.	Corunna																		*	
	Lisbon	29.67	59	W	6	r	29.50	-.47	54	52	-4	NW	5	r	*	59	54	-	*	0.28
	Azores (P. Delgada)																		*	
	" (Horta) ...	30.54	60	NE	4	o	30.50	-.10	60	54	0	NNW	2	o	2	63	57	-	*	-

NOTE: *The Sunshine for London given in this Table is recorded on the Tower of the Wesleyan Training College, Westminster: the Sunshine entered to Dungeness is recorded at Littlestone-on-Sea.*

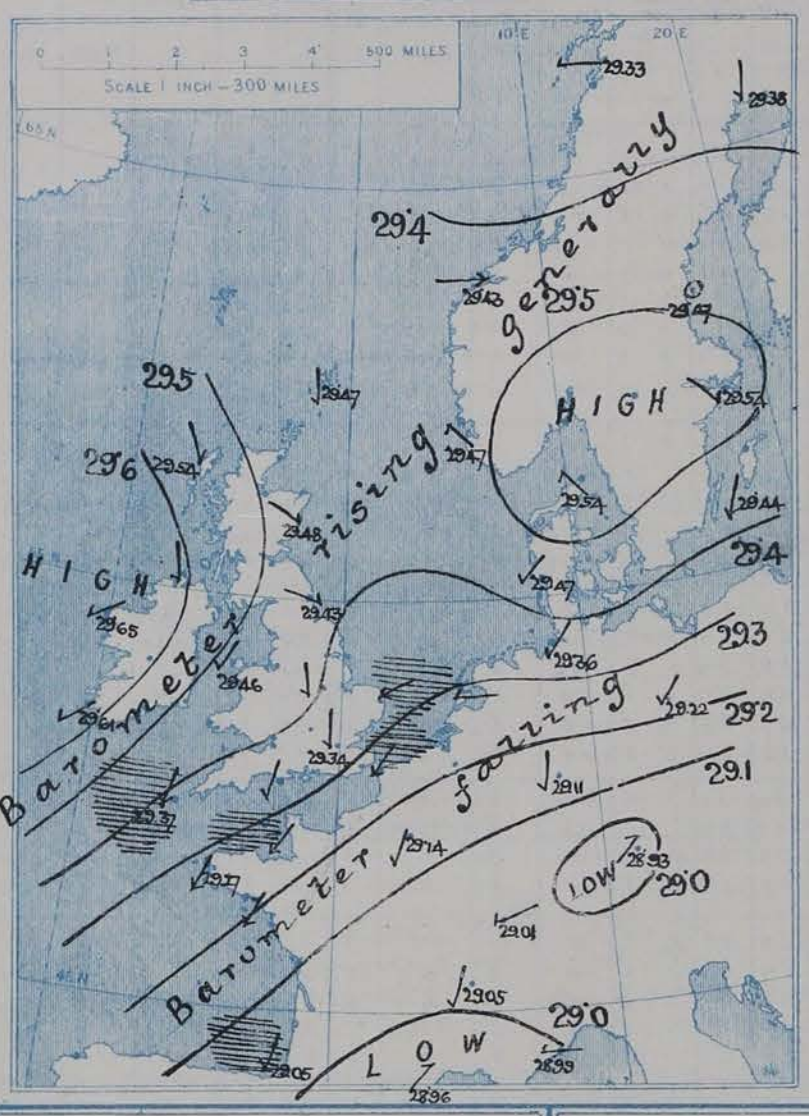
Erratum:- On Page 1 of the Report for Saturday the 28th inst. the amount of Rainfall in London should be 1·10 in. not 0·86 in.

WEATHER CHARTS

FOR MONDAY, 30TH NOVEMBER, 1903.

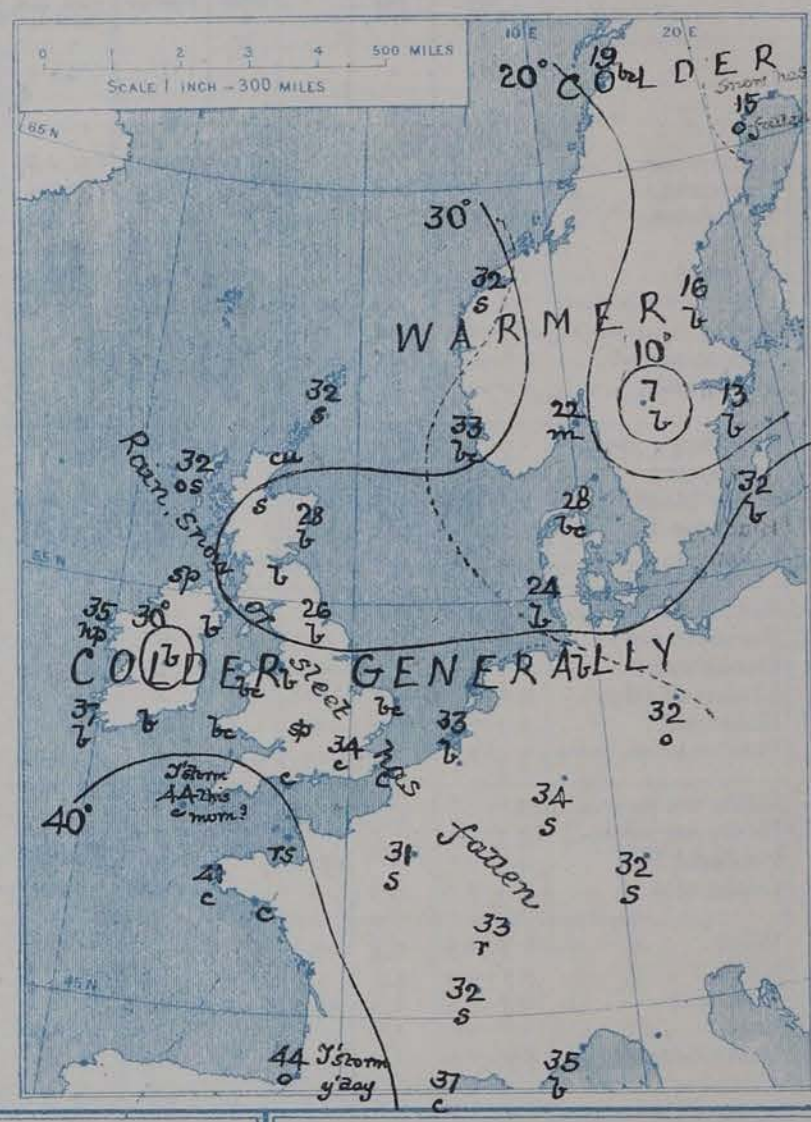
I. BAROMETER, WIND AND SEA. *This Morning.*

BAROMETER.—Isobars are drawn for each tenth of an inch.
WIND.—Arrows show Directions and Force, flying with the wind.
Force above 10 ; *Force 8 to 10* ; *Force 5 to 7* ; *Force 1 to 4* ; Calm ⊙
SEA.—Rough *High*



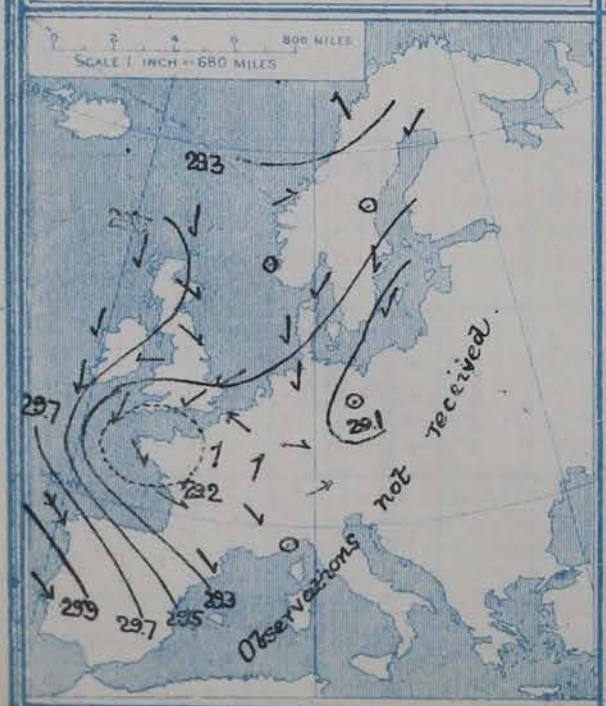
II. TEMPERATURE AND WEATHER. *This Morning.*

TEMPERATURE.—Isotherms are drawn for each 10°
WEATHER.—Shown by Letters of the Beaufort Scale. *(See P. 4.)*
RAINFALL.—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus – 0·6

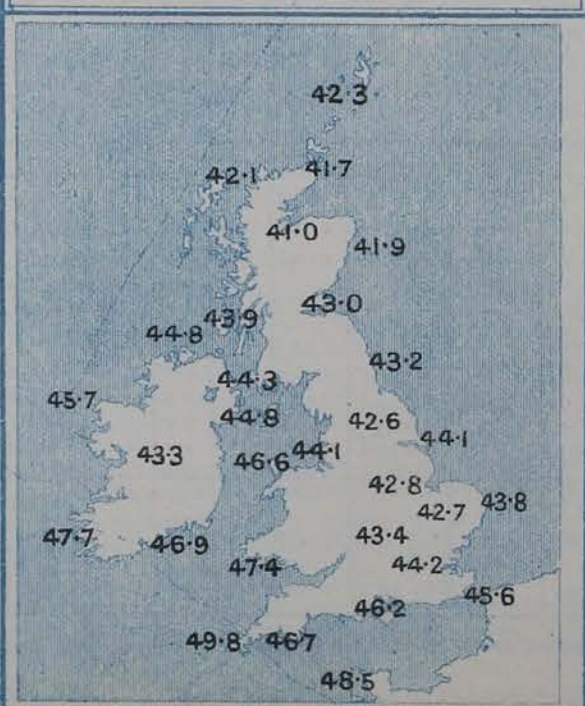


III. BAROMETER AND WIND

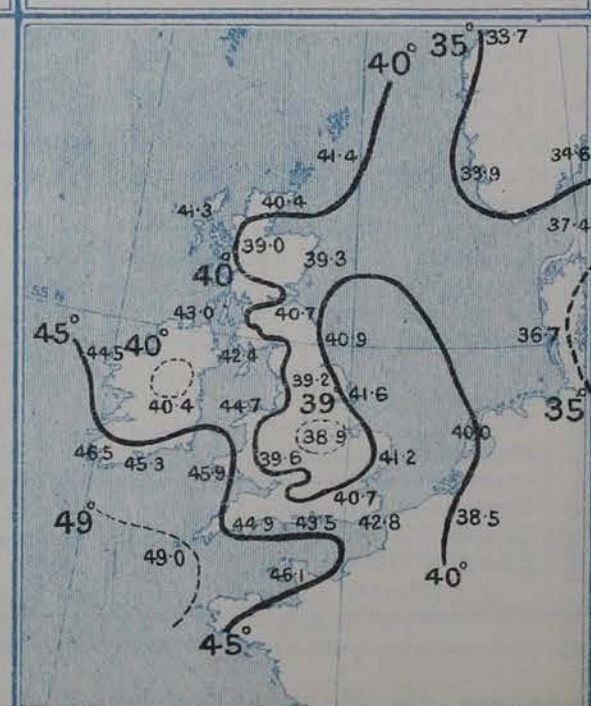
Yesterday morning.



IV. *Averages of* DAILY MAXIMUM *and* MINIMUM TEMPERATURES *combined for the month of* NOVEMBER. *(1871-1900)*



V. *Means of* DAILY TEMPERATURE *at 8 A.M. for the Two monthly period* NOVEMBER – DECEMBER *(1871-1900)*



GENERAL SITUATION AT 8 A.M.

PRESSURE

The disturbance which appeared in the north of Ireland yesterday morning is shown over the Channel this morning. The position of its centre cannot be determined with precision; there appears to be two minima of pressure, one over the mouth of the Channel, the other east of Normandy. The lowest reading reported is 29·13 ins. at Scilly. The gradient is still considerable over the southern portion of our Islands but it is now steepest over the Bay of Biscay, the reading at Corunna being as high as 29·82 ins. The disturbance which lay over the Netherlands yesterday has passed eastward to Northeastern Germany.

WIND

Strong NE^{ly} winds still prevail over the Channel and the south of England, and a NW^{ly} gale is blowing over the Bay of Biscay. In the north of our Islands, and also over Scandinavia the wind is moderate or light in intensity and generally N^{ly} in direction. The weather is now fine at Yarmouth, the Continental North Sea, and the Scandinavian stations. In the north-west of our Islands it is changeable, showers of rain, hail or snow being reported from many places, and in the region of the low pressure over southern England and the north of France it is raining steadily.

TEMPERATURE

Temperature is now very low over Scandinavia, at Haparanda the thermometer stands at 3°. The N^{ly} to NE^{ly} wind prevailing over our Islands has caused a very decided drop of temperature, at some stations to-day's readings are 10° lower than those reported yesterday, and generally they are now below 40°. A fall of temperature has also occurred in France and the west of Germany.

WEATHER AND SEA

The sea is rough off the southwest of Ireland, and in the mouth of the Channel and Bay of Biscay, elsewhere it has become moderate.

During the past 24 hours temperature fell below the freezing point in Scotland and from all but our southern stations minima of under 40° are reported. Rain fell generally and in many places the amount was considerable, the maximum fall was 0·51 in. at Parsonstown. A few hours of sunshine are reported from the extreme southwest of England and Ireland, elsewhere the sky remained overcast all day.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

FORECASTS*

For the 24 hours ending at NOON on 30TH NOVEMBER, 1903

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	None issued.	6 SCOTLAND WEST	None issued.
1 SCOTLAND EAST		7 ENGLAND N.W.	
2 ENGLAND N.E.		8 ENGLAND S.W	
3 ENGLAND EAST		9 IRELAND NORTH	
4 MIDLAND COUNTIES		10 IRELAND SOUTH	
5 ENGLAND SOUTH		WARNINGS	At 9.20 am. today to Dists. 0, 1, 7, 8. + 9, "LOWER CONE."

Note.—The **South Cone**, *point downwards* (▼), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.

The **North Cone**, *point upwards* (▲), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

* *For terms for transmission of Forecasts by Telegraph; see next page.*

ADDITIONAL OBSERVATIONS made at Stations in the UNITED KINGDOM.

TELEGRAPHIC REPORTS TO-DAY.	Yesterday 6 p.m.					This Morning 8 a.m.									Past 24 Hours.				
	Bar. Ins.	Temp. °	Wind Direc^n	Wind Force	Weather.	Barometer. Ins.	Barometer. Change.	Temperature Dry.	Temperature Wet.	Temperature Change	Wind Direc^n	Wind Force	Weather.	Sea.	Temperature Max.	Temperature Min.	Weather	Sunshine. Hrs.	Rainfall Ins.
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	r	*	45	38	r, o	0·0	0·28
Bath	29·18	40	W	1	0	29·30	+·11	40	37	−5	NE	4	0	*	47	37	−	0·0	0·22

REPORTS FOR YESTERDAY.

STATIONS.	Temperture F. Max.	Temperture F. Min.	Weather.	Sunshine Hrs.	Rainfall. Ins.	STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Sunshine Hrs.	Rainfall. Ins.
	°	°					°	°			
Southport, to 9 p.m.... ...	48	41	or, o	0·0	0·74	Broadstairs...	*	*	*		*
Rhyl, to 6 p.m.	*	*	*		*	Margate	48	43	r, c	0·0	0·77
Llandudno...	*	*	*	0·0	*	Lowestoft, to 6 p.m.... ...					
Bettws-y-Coed, to 6 p.m. ...	47	41	c, gr	0·0	*	Skegness	*	*	*	0·0	*
Aberystwyth, to 6 p.m. ...	49	44	or	0·0	0·30	Scarborough, to 6 p.m. ...					
Plymouth, to 9 p.m.... ...	49	44	bcp	2·1	0·12	Harrogate, to 6 p.m. ...	42	39	m, o, r	0·0	0·26
Worthing	*	*	*	0·0	*	Manchester, to 9 p.m. ...	48	41	o, r	0·0	0·64
Brighton		*	*		*	Darwen, to 9 p.m.	42	37	r, oq, om	0·0	0·58
Eastbourne, to 6 p.m. ...		*	*		*	Birmingham, to 9 p.m. ...	46	41	r	0·0	0·52
Hastings		*	*	0·0	*						

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

STATIONS. 28th Novr 1903.	Temperature, F. Max.	Temperature, F. Min.	Weather.	Rain. Ins.	STATIONS.	Temperature, F. Max.	Temperature, F. Min.	Weather.	Rain. Ins.
Copenhagen	36	23	s, o	0·08	Algiers	68	52	o, b	−
Utrecht...	46	32	r, o	0·24	Tunis	63	46	r, o	−
Groningen	41	32	r, m	0·28	Madeira (Funchal)	Not	rec^d		
Vienna	37	30	b, o	−	27th Novr 1903.	1 p.m.	*	1 p.m.	Measured 7 a.m.
Marseilles	54	39	o, o	−	Geneva	37	*	o	0·16
Florence	49	37	b, r	0·08	Berne	39	*	o	0·20
Rome	55	37	c, o	−	Coire	34	*	s	0·39
Naples	55	43	b, c	−	Castasegna	41	*	b	0·04
Palermo	66	46	o, b	−	Lugano	50	*	b	−
Malta	?63	54	o	−	Davos	25	*	s	0·55

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

TABLE SHOWING THE LOCAL STANDARD TIMES AND THE CORRESPONDING GREENWICH TIMES OF THE OBSERVATIONS RECORDED ON PAGE 1.

COUNTRIES, &c.	Hours of Morning Observations by Local Standard Time.	Corresponding Greenwich Times.	Hours of Evening Observations by Local Standard.	Corresponding Greenwich Times.
British Isles, Belgium† ...	8 a.m. (West European)	8 a.m.	6 p.m.‡ (W.E.T.)	6 p.m.
Holland	8 a.m. („ „)	8 a.m.	7 p.m. (W.E.T.)	7 p.m.
Germany, Denmark, Norway, Sweden	8 a.m. (Mid-European)	7 a.m.	8 p.m. (M.E.T.)	7 p.m.
France	7 a.m. (Paris)	6.51 a.m.	6 p.m. (Paris)	5.51 p.m.
Spain	8 a.m. (West European)	8 a.m.	6 p.m. (W.E.T.)	6 p.m.
Portugal	8 a.m. (Lisbon)	8.36 a.m.	3.23 p.m. (Lisbon)	4 p.m.
Azores { Ponta Delgada	6 a.m. (Local)	7.43 a.m.	9 p.m. (Local)	10.43 p.m.
Azores { Horta	6 a.m. (Local)	7.55 a.m.	9 p.m. (Local)	10.55 p.m.

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET, FOR STATIONS IN THE UNITED KINGDOM, TO-DAY.

29th Novr 1903.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	7·39	11·41	3·43
Greenwich	7·42	11·48	3·54
Wick	8·25	12·0	3·26
Valencia	8·25	12·29	4·33

SUBSCRIPTIONS both for the Daily *and* Weekly Weather Reports *may be paid, in advance, to the* Meteorological Office.

TERMS: For Daily Weather Report, forwarded by Book Post, £1 0 0 per annum.
„ Weekly „ „ „ £1 10 0 „ Single Copies, 6d.

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FORECASTS OF WEATHER for one day in advance are drawn up at the Meteorological Office at 11 a.m., and between 7 and 8 p.m. The latest forecast can be had by Reply Telegram, on paying at any Post Office in the United Kingdom **Sixpence in addition to the cost of the inquiry and reply Telegrams.** Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application to the Meteorological Office, 63, Victoria Street, S.W., either personally or by post.

† The evening observations in Belgium are not given on page 1.

‡ At Oxford the observations are taken at 8 p.m.

ADDITIONS AND CORRECTIONS TO THE

1. REPORTS RECEIVED TOO LATE FOR INSERTION DAILY.

DATE.	STATIONS.	YESTERDAY EVENING. Barom. At 32° and M.S.L.	Temp. Dry Bulb.	Wind. Direc.	Force (0 to 12).	Weather.	THIS MORNING. Barometer. At 32° Fahr. and M.S.L.	Change since Yesterday.	Temperature. Dry Bulb.	Wet Bulb.	Change since Yesterday.	Wind. Direc.	Force (0 to 12).	Weather.	Sea (0 to 9).	PAST 24 HOURS. Temp. Max.	Min.	Weather	Sunshine.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°								Hours.	Ins.
2nd	Corunna.	30·13	63	WSW	1	f	30·24	-·04	62	59	0	WSW	1	t	3	68	55	–	–	–
"	Lisbon.	30·20	59	N	3	b	30·21	-·04	56	56	-1	NNE	3	f	–	68	54	–	–	–
"	P. Delgada.	30·13	63	NNE	4	b	30·20	+·16	61	59	-5	NE	4	b	3	68	61	–	–	–
3rd	Corunna.	30·27	61	WSW	1	f	30·28	+·04	59	57	-3	W	1	bc	5	63	55	–	–	–
"	Lisbon.	30·18	59	N	4	bc	30·18	-·03	58	57	+2	NNE	1	bc	–	66	56	–	–	–
"	P. Delgada.	30·22	62	NNE	1	o	30·20	·00	63	60	+2	NNE	1	o	2	70	61	–	–	–
4th	Corunna.	30·19	64	NNE	3	o	30·16	-·12	60	57	+1	NNE	3	o	6	60	55	–	–	–
"	P. Delgada.	30·22	63	E	4	bc	30·18	-·02	64	60	+1	ESE	4	bc	3	70	63	–	–	–
5th	Corunna.	30·17	63	NE	3	b	30·12	-·04	59	54	-1	NE	3	b	3	?64	54	–	–	–
"	Lisbon.	30·00	60	NNW	3	o	29·95	-·13	58	55	+3	NNE	4	bc	–	61	55	–	–	0·59
"	P. Delgada.	30·09	66	SE	5	o	29·91	-·27	67	65	+3	S	7	m	6	68	64	–	–	–
6th	Corunna.	30·07	64	NE	3	b	30·08	-·04	56	52	-3	NE	3	b	3	64	50	–	–	–
"	Lisbon.	29·97	59	NNE	3	b	30·06	+·11	57	55	-1	NE	2	b	–	64	55	–	–	0·08
7th	Corunna.	30·11	63	NE	1	bc	?	?	59	54	+3	NE	1	bc	2	68	54	–	–	–
"	P. Delgada.	29·84	56	W	4	c	29·73	-·33	59	53	+2	NW	4	r	3	66	53	–	–	0·32
9th	Corunna.	30·23	64	NE	1	b	30·30	+·07	51	50	-6	NE	1	f	2	72	46	–	–	–
"	P. Delgada.	30·05	63	ENE	4	bc	30·05	+·12	64	62	+2	NE	5	b	4	68	59	–	–	–
10th	Corunna.	30·35	60	NE	1	b	30·43	+·13	52	50	+1	NE	1	f	5	63	48	–	–	–
11th	Corunna.	30·42	61	NE	1	f	30·38	-·05	46	44	-6	NE	1	f	5	63	41	–	–	–
12th	Corunna.	30·42	61	NE	1	f	30·32	-·06	49	46	+3	NE	1	f	3	63	45	–	–	–
13th	Corunna.	30·22	65	SW	1	b	30·26	-·06	59	–	+10	SW	1	b	1	70	49	–	–	–
"	Lisbon.	30·21	60	NNE	4	b	30·26	·00	52	50	-3	NE	4	b	–	66	50	–	–	–
"	P. Delgada.	30·03	66	ESE	1	o	30·05	+·03	64	60	-2	NNE	4	r	2	70	63	–	–	0·04
14th	Biarritz.	30·17	60	Z	0	b	30·13	-·10	54	?	+13	ESE	3	b	0	60	?41	–	–	–
"	Corunna.	30·19	68	E	1	b	30·20	-·06	59	57	0	WSW	3	r	3	70	54	–	–	0·04
16th	Corunna.	30·28	55	W	1	r	30·05	-·19	54	52	+2	W	5	r	6	59	50	–	–	0·20
17th	Lorient.	29·99	44	NNW	2	c	–	–	–	–	–	–	–	–	–	–	–	–	–	–
"	Corunna.	30·08	55	N	3	bc	30·17	+·12	46	45	-8	NNE	3	o	3	57	41	–	–	0·12
"	P. Delgada.	30·23	59	NE	4	b	30·22	-·02	59	55	+2	NE	4	b	3	66	57	–	–	–
18th	Corunna.	30·13	54	NNE	3	o	30·05	-·12	54	51	+8	NNE	3	o	6	55	45	–	–	0·08
"	P. Delgada.	30·26	60	ENE	4	o	30·28	+·06	59	55	0	ENE	4	c	3	64	57	–	–	–
19th	Corunna.	30·20	54	NE	3	bc	30·20	+·15	43	41	-11	NE	3	f	3	55	37	–	–	–
"	Lisbon.	30·06	53	NNE	4	b	30·11	-·17	48	43	-11	NE	4	b	–	59	46	–	–	–
20th	Corunna.	30·25	54	NE	4	b	30·45	+·25	46	45	+3	NE	1	f	3	55	43	–	–	–
"	Lisbon.	30·19	50	NNE	3	b	30·28	+·17	46	42	-2	NE	4	b	–	57	45	–	–	–
"	P. Delgada.	30·23	52	N	5	r	30·17	-·17	55	50	-3	ENE	5	bc	3	64	50	–	–	0·08
21st	Corunna.	30·49	55	N	3	bc	30·50	+·11	52	50	+6	?	1	f	5	57	48	–	–	–
23rd	Corunna.	30·56	57	N	1	bc	30·45	?	?	46	?	NE	3	f	3	59	43	–	–	–
"	P. Delgada.	30·19	66	SSE	5	o	30·18	+·01	65	61	0	SSE	5	o	5	68	64	–	–	–
24th	Brussels.	–	–	–	–	–	30·15	-·11	48	?	0	SW	5	r	–	51	46	–	–	0·12
"	Corunna.	30·44	61	NE	1	b	30·52	+·07	47	46	?	NE	2	bc	3	63	43	–	–	–
26th	Corunna.	30·52	57	NE	1	o	30·57	?	53	50	?	NE	3	bc	3	58	49	–	–	–
"	P. Delgada.	30·41	65	SE	5	bc	30·44	+·08	62	57	-1	ENE	4	b	4	68	61	–	–	–
27th	Corunna.	30·52	57	NE	2	b	30·45	-·12	41	41	-12	NE	2	f	3	59	36	–	–	–
"	P. Delgada.	30·53	59	NE	3	b	30·56	+·12	60	54	-2	NE	2	c	–	68	57	–	–	–
28th	Corunna.	30·37	58	WNW	3	o	30·29	-·16	57	54	+16	W	5	f	6	59	?	–	–	–
29th	Biarritz.	29·63	51	NNW	7	r	29·40	-·50	50	?	-6	NNW	7	r	8	56	45	–	–	1·26
30th	Brussels.	–	–	–	–	–	29·23	-·07	30	28	-7	NE	3	o	–	37	28	–	–	–
"	Corunna.	29·62	54	NW	6	o	29·27	-·55	52	50	+5	NW	7	o	8	55	48	–	–	0·08
"	P. Delgada.	30·43	60	NNE	6	b	30·37	-·19	58	55	-1	N	6	m	4	64	57	–	–	0·04

REPORTS FOR NOVEMBER, 1903.

2. CORRECTIONS.

DATE.	STATIONS.	YESTERDAY EVENING					THIS MORNING.									PAST 24 HOURS.				
		BAROM.	TEMP.	WIND.			BAROMETER.		TEMPERATURE.			WIND.				TEMP.				
		At 32° and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12).	Weather.	At 32° Fahr. and M.S.L.	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Direc.	Force (0 to 12).	Weather.	Sea (0 to 9).	Max	Min.	Weather	Sunshine.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°								Hours.	Ins.
1st	Blacksod Point.	29.83	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
"	Nairn.	–	–	–	–	–	–	–	–	38	–	–	–	–	–	–	–	–	–	–
2nd	Blacksod Point.	–	–	–	–	–	–	–	–	–	–	WSW	–	–	–	–	–	–	–	–
"	Valencia.	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0.51
"	Jersey.	30.17	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
"	Dungeness.	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	46	–	–	–
3rd	Parsonstown.	–	–	–	–	–	–	–	–	–	–	W	–	–	–	–	–	–	–	–
"	Dungeness.	–	–	–	–	–	–	–	–	55	–	–	–	–	–	–	–	–	–	–
"	North Shields.	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	42	–	–	–
4th	Wisby.	30.28	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
8th	Malin Head.	–	–	–	–	–	29.99	-.45	–	–	–	–	–	–	–	–	–	–	–	–
"	Jersey.	–	–	–	–	–	–	–	–	–	–	–	–	–	–	52	–	–	–	–
"	Nairn.	–	–	–	–	–	30.03	-.39	–	–	–	–	–	–	–	–	–	–	–	–
9th	Donaghadee.	–	–	–	–	–	–	–	49	48	+1	–	–	–	–	–	–	–	–	–
"	Dungeness.	–	–	–	–	–	–	–	–	–	–	–	–	–	–	54	–	–	–	–
10th	Blacksod Point.	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0.13
"	Donaghadee.	–	–	–	–	–	–	–	–	–	+4	–	–	–	–	–	47	–	–	–
11th	Jersey.	–	–	–	–	–	30.39	+.08	–	–	–	–	–	–	–	–	–	–	–	–
12th	Sumburgh Head	30.06	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
"	Parsonstown	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	46	–	–	–
"	Leith.	–	–	–	–	–	29.96	-.28	–	–	–	–	–	–	–	–	–	–	–	–
13th	Bath.	–	–	–	–	–	–	–	52	–	+3	–	–	–	–	–	–	–	–	–
14th	Malin Head.	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	40	–	–	–
15th	Jersey.	–	–	–	–	–	29.84	–	–	–	–	–	–	–	–	–	–	–	–	–
"	Bath.	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	40	–	–	–
16th	Sumburgh Head	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0.90
"	Dungeness.	–	–	–	–	–	29.81	–	–	–	–	–	–	–	–	–	–	–	–	–
17th	Roches Point.	–	–	–	–	–	–	–	45	–	+3	–	–	–	–	–	–	–	–	–
"	Jersey.	29.93	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
19th	Yarmouth.	30.09	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
"	Bath.	30.21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
20th	Parsonstown.	30.28	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
"	Horta	–	–	–	–	–	30.31	-.09	–	–	–	–	–	–	–	–	–	–	–	–
21st	Roches Point.	–	–	–	–	–	–	–	–	50	–	–	–	–	–	–	–	–	–	–
"	Donaghadee.	–	–	–	–	–	29.74	-.20	–	–	–	–	–	–	–	–	–	–	–	–
"	Jersey.	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0.04
"	Aberdeen.	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	39	–	–	–
23rd	Nairn.	–	–	–	–	–	29.69	–	–	–	–	–	–	–	–	–	–	–	–	–
"	North Shields.	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	43	–	–	–
24th	North Shields.	–	–	–	–	–	–	–	–	–	–	WSW	–	–	–	–	–	–	–	–
27th	Leith.	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0.16
28th	Stockholm.	29.62	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
"	London.	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1.10
29th	Roches Point.	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	37	–	–	–
"	Spurn Head.	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0.06
30th	Roches Point.	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	32	–	–	–
"	Pembroke.	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	No rain